VERNON LINE

Sceloporus
orcutti

Sceloporus
orcutt.

No. 1-13 Date 1X/58

Spermatogenic Condition = 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	5.6	61.6	28.0
2	5.6	67.2	25.2
3	5.6	64.4	33.6
4	5.6	56.0	22.4
5	5.6	50.4	19.6
6	8.4	47.6	19.6
7	5.6	58.8	25.2
8	5.6	47.6	19.6
9	5.6	50.4	22.4
10	5.6	64.4	28.0
T	58.8	568.4	243.6
$\bar{x}$	5.8	56.8	24.4

Sertoli Cells: —

Remarks: more epididymis (?) than testis visible; I C cell nuclei large & round

E = 8.4μ ① tubules scattered, much connective tis. (also a lot of c.t. in testis)

No. 1-15 Date I/59

Spermatogenic Condition = 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
		m.	
1	2.8	126.0	61.6
2	5.6	106.4	53.2
3	2.8	98.0	42.0
4	5.6	100.8	44.8
5	5.6	72.8	30.8
6	5.6	72.8	39.2
7			
8			
9			
10			
T	28.0	576.8	271.6
$\bar{x}$	4.7	96.1	45.3

Sertoli Cells: —

Remarks: most cells of = size, no epithel. testis capsule gives appearance of whole structure being created; I C cells have very irregular nuclei

No. _____ Date _____

Spermatogenic Condition _____

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: _____

Remarks: _____

P

No. 1-16 Date I/59

Spermatogenic Condition 5

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
		μ. ~~78.4~~ 126.0	~~36.4~~ 58.5
1			
		~~89.6~~ 144.0	~~44.8~~ 72.0
2			
		~~84.0~~ 135.0	~~42.0~~ 67.5
3			
		162.4	44.8
4			
		170.8	84.0
5			
		145.6	70.0
6			
		145.6	70.0
7			
		140.0	70.0
8			
		154.0	84.0
9			
		112.0	50.4
10			
T		1435.4	671.2
$\bar{x}$		143.5	67.1

Sertoli Cells:

Remarks: all stages of division w/ no lumen

large cell w/ nucleus of 11.2μ - ?

E = 14.0μ ①

No. _____ Date _____

Spermatogenic Condition _____

	Interstitial Cell nucleus diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

Sertoli Cells: _____

Remarks: _____

No. 1-19 Date III/59

Spermatogenic Condition 3 ?

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	140.0	56.0
2	109.2	56.0
3	120.4	47.6
4	126.0	42.0
5	154.0	61.6
6	131.6	61.6
7	128.8	56.0
8	126.0	61.6
9	114.8	53.2
10	120.4	47.6
T	1271.2	543.2
$\bar{x}$	127.1	54.3

Sertoli Cells: —

Remarks: cell boundaries indistinct

E = 14.0 μ ①

No. 1-31 Date 12/59

Spermatogenic Condition = 5

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		49 - 161.7	20 - 66.0
2		52 171.6	12 39.6
3		65 214.5	21 69.3
4			
5			
6			
7			
8			
9			
10			
T		547.8	174.9
$\bar{x}$		182.6	58.3

Sertoli Cells: poor

Remarks:

E 16.8 µ (5) Tubules contain what look like interstitial material

No. 1-22 Date 10/59

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
		60 - 198.0	
1		55 181.5	
2		60 198.0	
3		70 231.0	
4		58 191.4	
5		61 201.3	
6		57 188.1	
7		51 168.3	
8		58 191.4	
9		56 184.8	
10			
T		1933.8	
$\bar{x}$		193.4	

Sertoli Cells: seen

Remarks: spermatids visible in some tubules; tissue torn

E = 35.0 μ (1)

No. 1-23 Date 1/59

Spermatogenic Condition 7 ? (2)

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		60 - 198.0	15 - 49.5
2		48 158.4	11 36-3
3		55 181.5	8 26.4
4		60 198.0	16 52.8
5		46 151.8	12 39.6
6		52 171.6	9 29.7
7		44 145.2	13 42.9
8			
9			
10			
T		1204.5	277.2
$\bar{x}$		172.0	89.6

Sertoli Cells: seen

Remarks: Tunica separated from tubules possibly a S

No. 1-24 Date V/59

Spermatogenic Condition 10

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		55 - 181.5	12 - 39.6
2		62 204.6	18 59.4
3		54 178.2	17 56.1
4		49 161.7	9 29.7
5		50 165.0	15 49.5
6		56 184.8	14 46.2
7		51 168.3	11 36.3
8		56 184.8	6 19.8
9		48 158.4	10 33 0
10		66 217.8	8 26.4
T		1705.1	396.0
$\bar{x}$		180.5	39.6

Sertoli Cells: seen

Remarks: some debris in some lumens; sperm in lumina separate tubules spermatids

No. 1-25 Date V/59

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		75 - 247.5	16 - 52.8
2		70 231.0	20 66.0
3		77 254.1	25 82.5
4		67 221.1	21 69.3
5		75 247.5	13 42.9
6		86 283.8	22 72.6
7		82 270.6	18 59.4
8		74 244.2	15 49.5
9		80 264.0	16 52.8
10		73 240.9	20 66.0
T		2504.7	613.8
$\bar{x}$		250.5	61.4

Sertoli Cells: none

Remarks: abnormal; metamorphosing spermatids, debris in lumina

No. 1-29 Date 01/59

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		54 - 178.2	15 - 49.5
2		47 155.1	10 33.0
3		64 211.2	14 46.2
4		51 168.3	9 29.7
5		61 201.3	20 66.0
6		59 194.7	10 33.0
7		52 171.6	15 49.5
8		53 174.9	15 49.5
9		57 188.1	15 49.5
10		56 184.8	16 52.8
T		1828.2	458.7
$\bar{x}$		182.8	45.9

Sertoli Cells: seen

Remarks:

No. 1-30 Date 01/59

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		64 - 211.2	16 - 52.8
2		50 165.0	16 52.8
3		58 191.4	20 66.0
4		53 174.9	16 52.8
5		40 132.0	10 33.0
6		42 138.6	10 33.0
7		53 174.9	11 36.3
8		53 174.9	18 59.4
9		42 138.6	11 36.3
10		56 184.8	18 59.4
T		1686.3	481.8
$\bar{x}$		168.6	48.2

Sertoli Cells: seen

Remarks:

No. 1-31 Date 01/59

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (3)	Seminiferous epith. height
1		15 - 49.5	
2		18 59.4	
3		19 62.7	
4		16 52.8	
5		15 49.5	
6			
7			
8			
9			
10			
T		273.9	
$\bar{x}$		54.8	

Sertoli Cells: seen

Remarks:

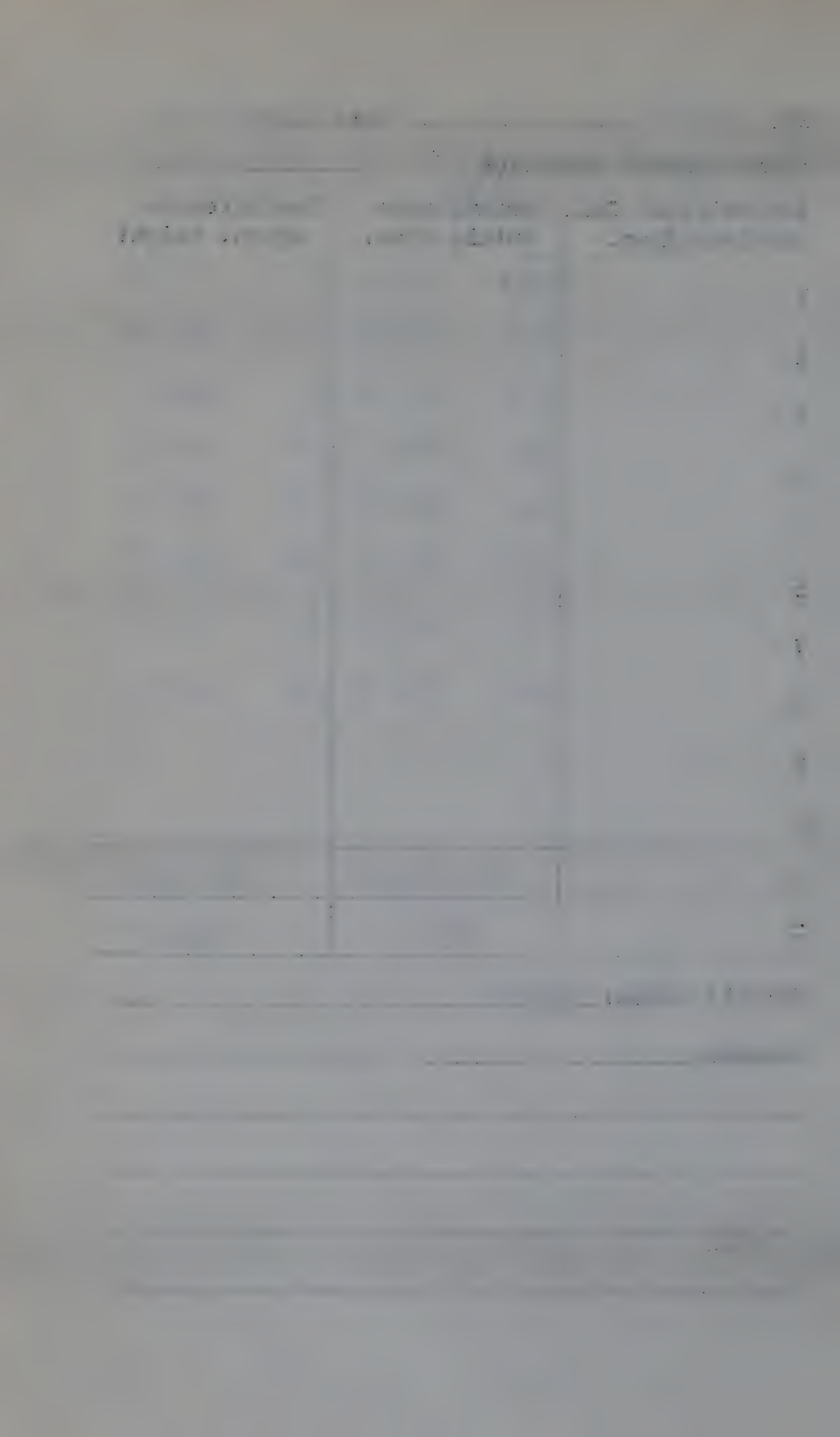
No. 1-34 Date Vid / 59

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	52 - 171.6	15 - 49.5
2	48 158.4	11 36.3
3	58 191.4	8 26.4
4	45 148.5	13 42.9
5	70 231.0	13 42.9
6	55 181.5	10 33.0
7	77 254.1	17 56.1
8	50 165.0	10 33.0
9		
10		
T	1501.5	320.1
$\bar{x}$	187.6	40.0

Sertoli Cells: seen

Remarks:



No. 1-35 Date VII/59

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		67 - 221.1	10 - 33.0
2		58 191.4	12 39.6
3		51 168.3	15 49.5
4		41 135.3	14 46.2
5		49 161.7	15 49.5
6		55 181.5	17 56.1
7		58 191.4	17 56.1
8		47 155.1	13 42.9
9		40 132.0	11 36.3
10		53 174.9	10 33.0
T		1712.7	442.2
$\bar{x}$		171.3	44.2

Sertoli Cells: poor

Remarks:

No. 1-36 Date 4/1/59

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		46 - 158.4	10 - 33.0
2		46 151.8	10 33.0
3		39 128.7	9 29.7
4		37 122.1	11 36.3
5		38 125.4	5 16.5
6		38 125.4	13 40.9
7		51 168.3	17 56.1
8		55 181.5	9 29.7
9		46 151.8	10 33.0
10		43 141.9	7 23.1
T		1455.3	333.3
$\bar{x}$		145.5	33.3

Sertoli Cells: clear

Remarks:

No. 1-37 Date VII/59

Spermatogenic Condition 3 0

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	12 ~~56.1~~ 35.7	
2	16 ~~52.8~~ 33.6	
3	18 ~~59.4~~ 37.8	
4	17 ~~56.1~~ 35.7	
5	12 ~~39.6~~ 25.2	
6	14 ~~46.2~~ 29.4	
7	15 ~~49.5~~ 31.5	
8	15 ~~49.5~~ 31.5	
9	15 31.5	
10	16 33.6	
T	325.5	
$\bar{x}$	32.6	

Sertoli Cells: Seen

Remarks:

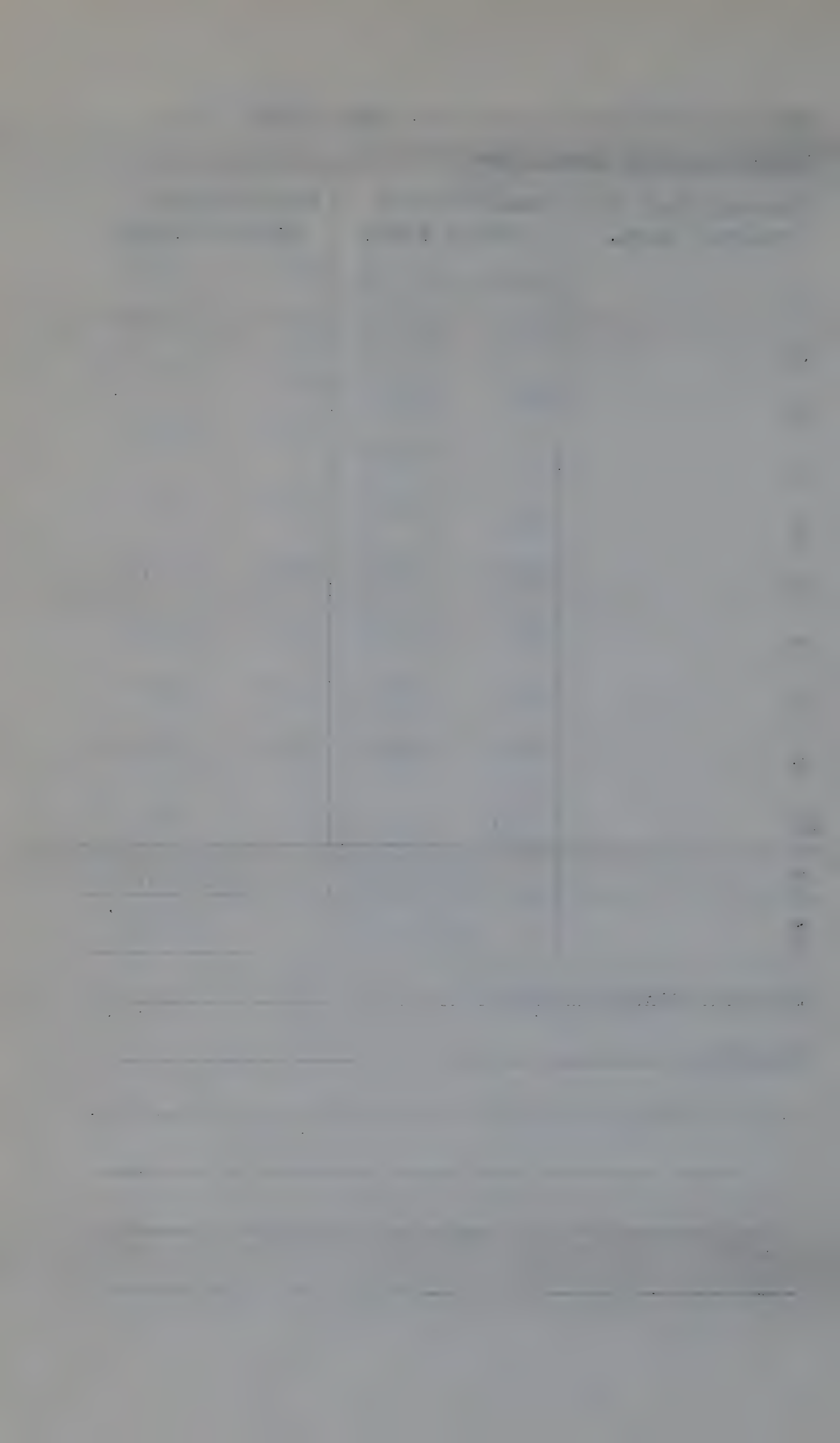
No. 1-38 Date VII/59

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		238-240.9	8 - 26.4
2		52 171.4	10 33.0
3		45 148.5	10 33.0
4		51 168.3	15 49.5
5		53 174.9	5 16.5
6		55 181.5	18 59.4
7		46 151.8	14 46.2
8		58 191.4	13 42.9
9		56 184.8	16 52.8
10		49 161.7	10 33.0
T		1775.4	392.7
$\bar{x}$		177.5	39.3

Sertoli Cells: seen

Remarks:



No. 1-39 Date Vol/59

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
		30 - 99.0	
1		28 92.4	
2		35 115.5	
3		31 102.3	
4		35 115.5	
5		37 122.1	
6		35 115.5	
7		35 115.5	
8		27 89.1	
9		29 95.7	
10			
T		1062.6	
$\bar{x}$		106.3	

Sertoli Cells: 100 ~

Remarks:

No. 1-41 Date 11/21/59

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		11 - 36.3	
2		14 46.2	
3		14 46.2	
4		11 36.3	
5		12 39.6	
6		13 42.9	
7		16 52.8	
8		12 39.6	
9		14 46.2	
10		14 46.2	
T		432.3	
$\bar{x}$		43.2	

Sertoli Cells: seen

Remarks:

No. 1-42 Date 4/6/59

Spermatogenic Condition [illegible] 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		12 - 39.6	
2		12 36.6	
3		14 46.2	
4		12 39.6	
5		10 33.0	
6		11 36.3	
7		11 36.3	
8		12 39.6	
9		13 42.9	
10		11 36.3	
T		380.4	
$\bar{x}$		38.0	

Sertoli Cells: Seen

Remarks:

No. 1-43 Date 4/6/59

Spermatogenic Condition 0 (2)

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		9	29.7
2		12	39.6
3		11	36.3
4		11	36.3
5		11	36.3
6		10	33.0
7		10	33.0
8		13	42.9
9		13	42.9
10		9	29.7
T		359.7	
$\bar{x}$		36.0	

Sertoli Cells: Few

Remarks:

No. 1-44 Date VII/59

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1		12 - 39.6	
2		12 39.6	
3		13 42.9	
4		16 52.8	
5		11 36.3	
6		12 39.6	
7		13 42.9	
8		12 39.6	
9		14 46.2	
10		13 42.9	
T		422.4	
$\bar{x}$		42.2	

Sertoli Cells: Norm

Remarks:

No. 1-45 Date VII/59

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
		26 - 85.8	8 - 26.4
1		35 115.5	9 29.7
2		33 108.9	8 26.4
3		37 122.1	10 33.0
4		34 112.2	7 23.1
5		31 102.3	8 26.4
6		25 52.5	7 23.1
7		33 108.9	11 36.3
8		36 118.8	6 19.8
9			
10		30 99.0	7 23.1
T		1056.0	267.3
$\bar{x}$		105.6	26.7

Sertoli Cells: poor

Remarks:

No. 1-51 Date VII/59

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1		54 - 178.2	19 - 62.7
2		52 171.6	14 46.2
3		65 214.5	8 26.4
4		54 178.2	10 33.0
5		55 181.5	12 39.6
6		51 168.3	11 36.3
7		62 204.6	10 33.0
8		50 165.0	11 36.3
9		68 224.4	12 39.6
10		55 181.5	10 33.0
T		1867.8	386.1
$\bar{x}$		186.8	38.6

Sertoli Cells: seen

Remarks:

No. 1-55 Date VII/59

Spermatogenic Condition

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
		63 - 207.9	12 - 39.6
1		70 231.0	7 23.1
2		68 224.4	15 49.5
3		56 184.8	6 19.8
4		49 161.7	12 39.6
5		70 231.0	10 33.0
6		54 178.2	18 59.4
7		70 231.0	17 56.1
8		49 161.7	10 33.0
9		48 158.4	8 26.4
10			
T		1970.1	379.5
$\bar{x}$		197.0	38.0

Sertoli Cells: seen

Remarks:

No. 1-56 Date VII/59

Spermatogenic Condition 7

(2)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height	
1	59 -	194.7	6 -	19.8
2	47	155.1	12	39.6
3	45	148.5	8	26.4
4	45	148.5	6	19.8
5	38	125.4	9	29.7
6	40	132.0	7	23.1
7	36	118.8	8	26.4
8	40	132.0	8	26.4
9	31	102.3	10	33.0
10	59	194.7	6	19.8
T		1452.0		264.0
$\bar{x}$		145.2		26.4

Sertoli Cells: Seen

Remarks:

E= 33.0 μ

(4)

No. 1-57 Date VII/59

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		52 - 171.6	9 - 29.7
2		51 168.3	14 46.2
3		63 207.9	12 39.6
4		67 221.1	12 39.6
5		58 191.4	11 36.3
6		63 207.9	10 33.0
7		63 207.9	12 39.6
8		60 198.0	22 72.6
9		55 181.5	19 62.7
10		53 174.9	13 42.9
T		1930.5	442.2
$\bar{x}$		193.0	44.2

Sertoli Cells: seen

Remarks: a.f.c in lumen of tubule

No. 1-59 Date 6/11/59

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1		47 - 155.1	16 - 52.8
2		68 224.4	14 46.2
3		54 178.2	14 46.2
4		68 224.4	16 52.8
5		59 194.7	12 39.6
6		57 188.1	11 36.3
7		60 198.0	6 19.8
8		48 158.4	14 46.2
9		53 174.9	15 49.5
10		55 181.5	10 33.0
T		1877.7	422.4
$\bar{x}$		187.8	42.2

Sertoli Cells: seen

Remarks:

No. 1-61 Date VII/59

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1		17 - 56.1	
2		13 42.9	
3		15 49.5	
4		15 49.5	
5		14 46.2	
6		25 82.5	
7		25 82.5	
8		23 75.9	
9		25 82.5	
10		22 72.6	
T		640.2	
$\bar{x}$		64.0	

Sertoli Cells: slen

Remarks:

No. 1-62 Date VII6/59

Spermatogenic Condition (2) 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height	
1	61	201.3	12	39.6
2	63	207.9	16	52.8
3	57	188.1	12	39.6
4	58	191.4	4	13.2
5	40	132.0	10	33.0
6	56	184.8	7	23.1
7	62	204.6	15	49.5
8	44	145.2	11	36.3
9	54	178.2	10	33.0
10	55	181.5	8	26.4
T		1815.0		346.5
$\bar{x}$		181.5		34.6

Sertoli Cells: seen

Remarks:

No. 1-63 Date 11/1/59

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		21 - 69.3	
2		18 - 59.4	
3		24 - 79.2	
4		29 - 95.7	
5		30 - 99.0	
6		24 - 85.8	
7		19 - 62.7	
8		24 - 79.2	
9		30 - 99.0	
10		26 - 85.8	
T		815.1	
$\bar{x}$		81.5	

Sertoli Cells: Xxxx

Remarks:

No. 1-66 Date 4/15-9

Spermatogenic Condition (2) 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		24 - 79.2	
2		27 89.1	
3		18 59.4	
4		21 69.3	
5		20 66.0	
6		22 72.6	
7		20 66.0	
8		17 56.1	
9		23 75.9	
10		19 62.7	
T		696.3	
$\bar{x}$		69.6	

Sertoli Cells: none

Remarks:

EE 1324 (1)

No. 167 Date VIII/59

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		48 - 158.4	5 - 16.5
2		36 118.8	6 19.8
3		32 105.6	7 23.1
4		33 108.9	6 19.8
5		36 118.8	7 23.1
6		33 108.9	6 19.8
7		42 138.6	6 19.8
8		39 128.7	6 19.8
9		40 132.0	10 33.0
10		28 92.4	7 23.1
T		1211.1	217.8
$\bar{x}$		121.1	21.8

Sertoli Cells: seen

Remarks:

No. 1-68 Date 11/21/59

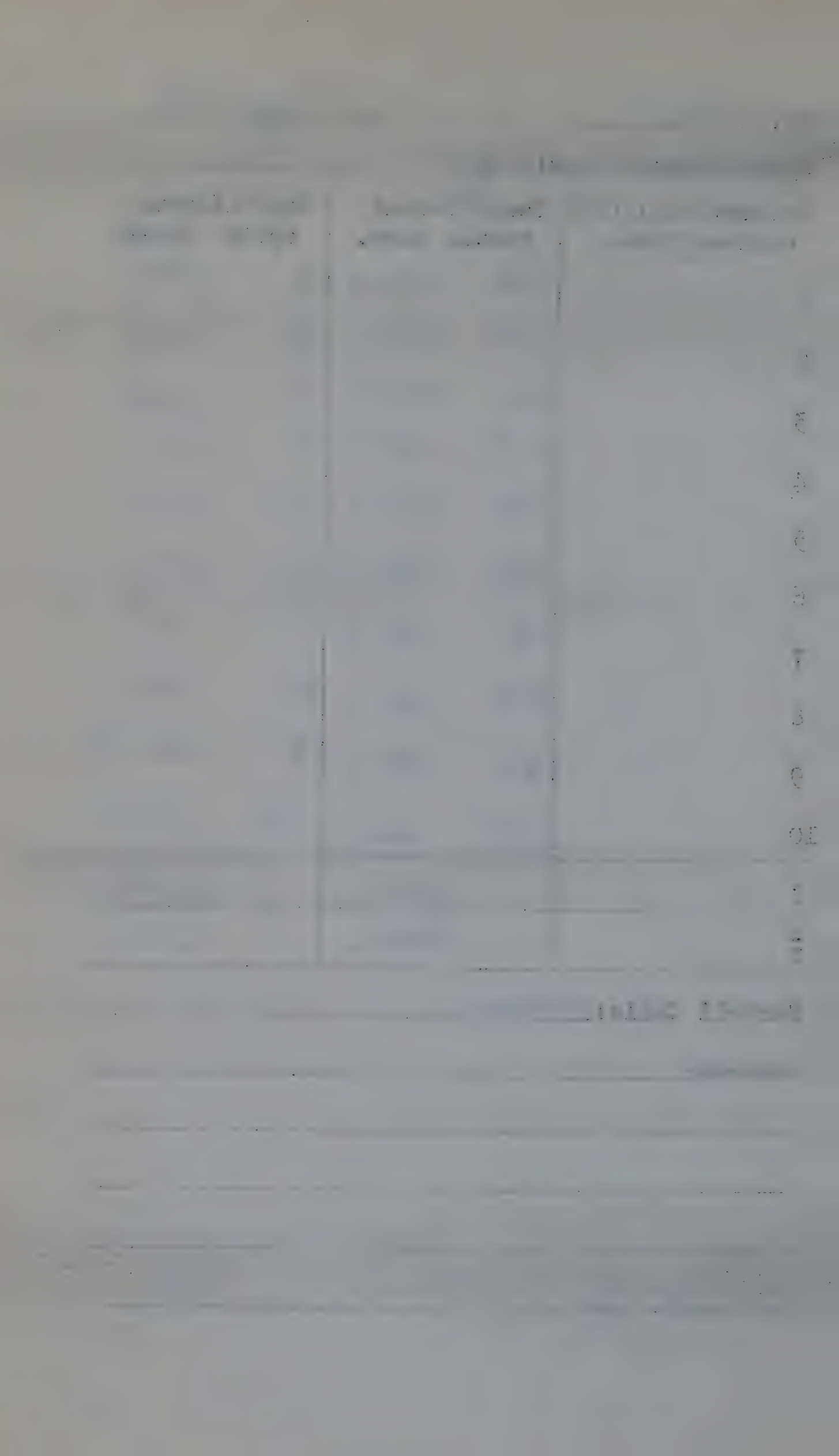
Spermatogenic Condition

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		42 - 138.6	9 - 29.7
2		44 145.2	4 13.2
3		50 165.0	10 33.0
4		54 178.2	7 23.1
5		56 184.8	8 26.4
6		42 138.6	6 19.8
7		41 135.3	4 13.2
8		39 128.7	10 33.0
9		40 132.0	8 26.4
10		35 115.5	10 33.0
T		1461.9	250.8
$\bar{x}$		146.2	25.1

Sertoli Cells: seen

Remarks:

E = 23.1 μ



No. 1-69 Date VIII/59

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		13 - 42.9	
2		12 39.6	
3		12 39.6	
4		13 42.9	
5		12 39.6	
6		11 36.3	
7		12 39.6	
8		13 42.9	
9		13 42.9	
10		12 39.6	
T		405.9	
$\bar{x}$		40.6	

Sertoli Cells: seen

Remarks:

No. 1-70 Date VIII/59

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		48 - 158.4	11 - 36.3
2		52 171.6	8 26.4
3		46 151.8	5 16.5
4		43 141.9	10 33.0
5		40 132.0	6 19.8
6		50 165.0	8 26.4
7		52 171.6	12 39.6
8		50 165.0	11 36.3
9		50 165.0	11 36.3
10		52 171.6	15 49.5
T		1593.9	320.1
$\bar{x}$		159.4	32.0

Sertoli Cells: green

Remarks:

No. 1-71 Date VIII/59

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		35 - 115,5	6 - 19.8
2		33 108.9	7 23.1
3		31 102.3	8 26.4
4		31 102.3	10 33.0
5		25 82.5	5 16.5
6		33 108.9	7 23.1
7		34 112.2	7 23.1
8		24 79.2	25 82.5
9		37 122.1	15 49.5
10		31 102.3	10 33.0
T		1036.2	330.0
$\bar{x}$		103.6	33.0

Sertoli Cells: seen

Remarks:

No. 1-72 Date VIII/59

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		40 - 132.0	10 - 33.0
2		50 165.0	5 16.5
3		40 132.0	8 26.4
4		45 148.5	6 19.8
5		47 155.1	11 36.3
6			
7			
8			
9			
10			
T		732.6	132.0
$\bar{x}$		146.5	26.4

Sertoli Cells: clear

Remarks:

E = 19.8 μ

No. 1-7.4 Date 4/6/59

Spermatogenic Condition of testis: S

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		25.- 92.4	
2		26 85.8	
3		28 92.4	
4		27 89.1	
5		25 82.5	
6		25 82.5	
7		35 115.5	
8		34 112.2	
9		29 95.7	
10		30 99.0	
T		947.1	
$\bar{x}$		94.7	

Sertoli Cells: seen

Remarks:

E = 36.3 μ (2)

No. 1-75 Date VIII /59

Spermatogenic Condition D

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
		μ. m.	
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: seen

Remarks: very small piece of testis on slide

No. 1-77 Date VII/59

Spermatogenic Condition of testis

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
		μ m.	
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells:

Remarks: no testis on slide

No. 1-79 Date VIII/59

Spermatogenic Condition [illegible]

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
		μ m.	
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells:

Remarks: no testis on slide

E = 12.4 μ (2)

No. 1-8.1 Date VIII/59

Spermatogenic Condition of testis 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		25 - 82.5	
2		24 79.2	
3		27 89.1	
4		28 92.4	
5		21 69.3	
6		28 92.4	
7		25 82.5	
8		26 85.8	
9		27 89.1	
10		24 79.2	
T		841.5	
$\bar{x}$		84.2	

Sertoli Cells: none

Remarks:

E=16.5 μ

No. 1 - 82 Date VIII / 59

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		14 46.2	
2		13 42.9	
3		14 46.2	
4		15 49.5	
5		14 46.2	
6		16 52.8	
7		13 42.9	
8		13 42.9	
9		14 46.2	
10		14 46.2	
		15 49.5	
T		511.5	
$\bar{x}$		46.5	

Sertoli Cells: seen

Remarks:

No. 1-87 Date VIII/59

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		11 – 36.3	
2		11 36.3	
3		10 33.0	
4		13 42.9	
5		10 33.0	
6		11 36.3	
7		8 26.4	
8		8 26.4	
9		9 29.7	
10		11 36.3	
T		336.6	
$\bar{x}$		33.7	

Sertoli Cells: none

Remarks:

No. 1-38 Date VIII/59

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		10 - 33.0	
2		10 33.0	
3		9 29.7	
4		8 26.4	
5		10 33.0	
6		9 29.7	
7		10 33.0	
8		9 29.7	
9		8 26.4	
10		10 33.0	
T		306.9	
$\bar{x}$		30.7	

Sertoli Cells: seen

Remarks:

No. 1-89 Date VIII/59

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous (7) tubule diam.	Seminiferous epith. height
1		9 - 29.7	
2		11 36.3	
3		12 39.6	
4		11 36.3	
5		11 36.3	
6		10 33.0	
7		11 36.3	
8		10 33.0	
9		10 33.0	
10		12 39.6	
T		353.1	
$\bar{x}$		35.3	

Sertoli Cells: seen

Remarks:

No. 1-90 Date VIII/59

Spermatogenic Condition 3

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
		21 - 69.3	
1		22 72.6	
2		24 79.2	
3		18 59.4	
4		20 66.0	
5		18 59.4	
6		25 82.5	
7		18 59.4	
8		21 69.3	
9		20 66.0	
10			
T		683.1	
$\bar{x}$		68.3	

Sertoli Cells: seen

Remarks:

No. 1-91 Date 11/60

Spermatogenic Condition 3

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		44 - 145.2	15 - 49.5
2		51 168.3	15 49.5
3		53 174.9	13 42.9
4		54 178.2	11 36.3
5		47 155.1	13 42.9
6		51 168.3	10 33.0
7		45 148.5	13 42.9
8		48 158.4	16 52.8
9		44 145.2	13 42.9
10		54 178.2	14 46.2
T		1620.3	438.9
$\bar{x}$		162.0	43.9

Sertoli Cells: not seen

Remarks:

No. 1-93 Date 11/60

Spermatogenic Condition 5

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1		65 - 214.5	21 - 69.3
2		65 214.5	20 66.0
3		67 221.1	24 79.2
4		52 171.6	18 59.4
5		65 214.5	20 66.0
6		58 191.4	20 66.0
7		65 214.5	24 79.2
8			
9			
10			
T		1442.1	485.1
$\bar{x}$		206.0	69.3

Sertoli Cells: not seen

Remarks:

No. 1-94 Date 11/60

Spermatogenic Condition (2)

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
		39 – 128.7	10 – 33.0
1		40 132.0	11 36.3
2		46 151.8	17 56.1
3		45 – 148.5	14 46.2
4		50 165.0	14 46.2
5		37 168.3	21 69.3
6		36 118.8	11 36.3
7		46 151.8	14 46.2
8		46 151.8	18 59.4
9		50 165.0	15 – 49.5 –
10			
T		1481.7	478.5
$\bar{x}$		148.2	47.8

Sertoli Cells: clear

Remarks:

E = 23.1 μ (1)

No. 1-97 Date 16/60

Spermatogenic Condition (2) 2

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		70. - 231.0	15 - 49.5
2			
3			
4			
5			
6			
7			
8			
9			
10			
T		231.0	49.5
$\bar{x}$			

Sertoli Cells: not seen

Remarks: Tissue shredded; few intact tubules

No. 1-9.8 Date 11/60

Spermatogenic Condition 9

	(3) Interstitial Cell nuclear diam.		(2) Seminiferous tubule diam.		Seminiferous epith. height
1	4	8.4	33	108.9	
2	3	6.3	25	82.5	
3	3	6.3	30	99.0	
4	3	6.3	24	79.2	
5			21	69.3	
6			28	92.4	
7			22	72.6	
8			23	75.9	
9					
10					
T	27.3		679.8		
$\bar{x}$	6.8		85.0		

Sertoli Cells: seen

Remarks:

No. 1-104 Date 1/61

Spermatogenic Condition (2) 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		38 - 125.4	
2		60 198.0	
3		54 178.2	
4		57 188.1	
5		63 207.9	
6		45 - 148.5	
7		58 191.4	
8		59 194.7	
9		55 - 181.5	
10		44 145.2	
T		1758.9	
$\bar{x}$		175.9	

Sertoli Cells: seen

Remarks:

No. 1-107 Date 1/61

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		23 - 75.9	
2		22 72.6	
3		39 128.7	
4		21 69.3	
5		22 72.6	
6		19 62.7	
7		26 85.8	
8		28 92.4	
9		25 82.5	
10		27 89.1	
T		831.6	
$\bar{x}$		83.2	

Sertoli Cells: seen

Remarks:

No. 1-10.8 Date 1/61

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		38. - 125.4	
2		36 118.8	
3		33 108.9	
4		35 115.5	
5		37 122.1	
6		41 135.3	
7		35 115.5	
8		44 145.2	
9		45 148.5	
10		42 138.6	
T		1273.8	
$\bar{x}$		127.4	

Sertoli Cells: seen

Remarks: large intertubular spaces

E = 19.84

No. 12109 Date 10/62

Spermatogenic Condition 2

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		205 - 214.5	17 - 56.1
2		38 125.4	9 29.7
3		59 194.7	10 33.0
4		40 132.0	10 33.0
5		46 151.8	11 36.3
6		43 141.9	18 59.4
7		44 145.2	12 39.6
8		49 161.7	10 33.0
9		43 141.9	12 39.6
10		37 122.1	9 29.7
T		1531.2	389.4
$\bar{x}$		153.1	38.9

Sertoli Cells: seen

Remarks: many in stage 9

No. 1-110 Date 11/6/61

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		5rs. - 181.5	
2		58 191.4	
3		60 198.0	
4		50 165.0	
5		47 155.1	
6		44 145.2	
7		46 151.8	
8		49 161.7	
9		46 151.8	
10		37 122.1	
T		1623.6	
$\bar{x}$		162.4	

Sertoli Cells: seen

Remarks:

No. 1-111 Date 11/6/61

Spermatogenic Condition ♀ 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		34 - 112.2	
2		40 132.0	
3		32 105.6	
4		34 112.2	
5		31 102.3	
6		40 132.0	
7		35 115.5	
8		27 89.1	
9		29 95.7	
10		26 85.8	
T		1082.4	
$\bar{x}$		108.2	

Sertoli Cells: seen

Remarks: many cells in division

No. 1-11-2 Date 11/6/1

Spermatogenic Condition 4

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		147 - 155.1	17 - 56.1
2		39 128.7	15 49.5
3		29 95.7	11 36.3
4		37 122.1	12 39.6
5		36 118.8	10 33.0
6		53 174.9	23 75.9
7		37 122.1	14 46.2
8			
9			
10			
T		917.4	336.6
$\bar{x}$		131.0	48.1

Sertoli Cells:

Remarks: stain very light

E = 16.5 μ

No. 1-113 Date 11/61

Spermatogenic Condition ?

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		32 - 105.6	
2		37 122.1	
3		33 108.9	
4		35 - 115.5 -	
5		34 112.8	
6		37 122.1	
7		42 138.6	
8		48 158.4	
9		45 - 148.5 -	
10		49 161.7	
T		1300.2	
$\bar{x}$		130.0	

Sertoli Cells: Seen

Remarks:

No. 1-114 Date 11/61

Spermatogenic Condition 4

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		54 - 178.2	15 - 49.5
2		50 165.0	12 39.6
3		62 204.6	20 66.0
4		52 171.6	12 39.6
5		52 171.6	14 46.2
6		55 181.5	13 42.9
7		56 184.8	16 52.8
8		44 145.2	15 49.5
9		53 174.9	14 46.2
10		54 178.2	18 59.4
T		1755.6	491.7
$\bar{x}$		175.6	49.2

Sertoli Cells: Seen

Remarks:

$\bar{E}$ = 16.5 μ (1)

No. 1-115 Date 10/61

Spermatogenic Condition 2

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		40 - 132.0	10 - 33.0
2		44 145.2	11 36.3
3		35 - 115.5 -	13 42.9
4		37 122.1	10 33.0
5		32 105.6	10 33.0
6		33 108.9	11 36.3
7			
8			
9			
10			
T		729.3	214.5 -
$\bar{x}$		121.6	35.8

Sertoli Cells: seen

Remarks:

E = 19.8 μ (1)

No. 1-11.7 Date 11/61

Spermatogenic Condition 5

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		~~45~~ - 148.5	~~15~~ - ~~19.5~~
2		52 171.6	20 66.0
3		49 161.7	20 66.0
4		50 165.0	18 59.4
5		~~45~~ 148.5	16 52.8
6		46 151.8	20 66.0
7		50 165.0	17 56.1
8		51 168.3	16 52.8
9			
10			
T		1280.4	~~5~~168.6
$\bar{x}$		128.0	58.6

Sertoli Cells: not seen

Remarks:

No. 1-118 Date 1/61/61

Spermatogenic Condition 5

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		46 - 151.8	12 - 39.6
2		48 158.4	13 42.9
3		42 138.6	14 46.2
4		50 165.0	15 49.5
5		44 145.2	18 59.4
6		48 158.4	16 52.8
7		49 161.7	12 39.6
8		63 207.9	15 49.5
9		68 224.4	21 69.3
10		52 171.6	21 69.3
T		1683.0	518.1
$\bar{x}$		168.3	51.8

Sertoli Cells: seen

Remarks:

$\bar{x}$ = 16.5 μ

No. 1-11.9 Date 11/6/61

Spermatogenic Condition 9

(2)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	46 - 151.8	
2	43 141.9	
3	39 128.7	
4	35 115.5	
5	28 92.4	
6	30 99.0	
7	42 138.6	
8	43 141.9	
9	43 141.9	
10	41 135.3	
T	1287.0	
$\bar{x}$	128.7	

Sertoli Cells: seen

Remarks: some at stages 4 & 5 but w/ no lumens

E = 16.8 μ (1)

No. 1-121 Date 11/6/61

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		19.- 62.7	
2		18 59.4	
3		15 49.5	
4		15 49.5	
5		13 42.9	
6		14 46.2	
7		12 39.6	
8		15 49.5	
9		16 52.8	
10		15 49.5	
T		501.6	
$\bar{x}$		50.2	

Sertoli Cells: seen

Remarks: stain faint

No. 1-122 Date 11c/61

Spermatogenic Condition [illegible] 3

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		43 - 141.9	11 - 36.3
2		42 138.6	16 52.8
3		42 138.6	11 36.3
4		30 99.0	9 29.7
5		43 141.9	14 46.2
6		36 118.8	15 49.5
7		46 151.8	15 49.5
8		46 151.8	11 36.3
9		37 122.1	13 42.9
10		39 128.7	14 46.2
T		1333.2	425.7.50
$\bar{x}$		133.3	42.6

Sertoli Cells: seen

Remarks:

No. 1-124 Date 11/61

Spermatogenic Condition 2

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		30 - 99.0	10 - 33.0
2		30 99.0	10 33.0
3		31 102.3	10 33.0
4		30 99.0	10 33.0
5		33 108.9	12 39.6
6		30 99.0	8 26.4
7		26 85.8	7 23.1
8		25 82.5	7 23.1
9		33 108.9	10 33.0
10		29 95.7	12 39.6
T		980.1	316.8
$\bar{x}$		98.0	31.7

Sertoli Cells: seen

Remarks: doesn't look like adult

F = 19.8 μ (1)

No. 1-125 Date 11/1/61

Spermatogenic Condition 3?

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		43 - 141.9	18 - 59.4
2		40 132.0	13 42.9
3		43 141.9	15 49.5
4		42 138.6	13 42.9
5		45 148.5	20 66.0
6		43 141.9	14 46.2
7		35 115.5	14 46.2
8		33 108.9	12 39.6
9		45 148.5	15 49.5
10		43 141.9	18 59.4
T		1359.4	501.6
$\bar{x}$		136.0	50.2

Sertoli Cells: seen

Remarks:

No. 1-127 Date 11/5/61

Spermatogenic Condition

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		38 - 125.4	14 - 46.2
2		42 138.6	12 39.6
3		48 158.4	9 29.7
4		57 188.1	15 49.5
5		51 168.3	10 33.0
6		47 155.1	15 49.5
7		41 135.3	11 36.3
8		45 148.5	10 33.0
9		49 161.7	9 29.7
10		38 125.4	13 42.9
T		1504.9	389.4
$\bar{x}$		150.5	38.9

Sertoli Cells: not seen

Remarks:

E- 16.5 μ (1)

No. 1-128 Date 11/61

Spermatogenic Condition 5

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		40 - 132.0	10 - 33.0
2		31 102.3	12 39.6
3		35 115.5	11 36.3
4		34 112.2	10 33.0
5			
6			
7			
8			
9			
10			
T		462.0	141.9
$\bar{x}$		115.5	35.5

Sertoli Cells: seen

Remarks:

$\bar{E}$=19.8 μ (1)

No. 1-131 Date 11/01

Spermatogenic Condition 5

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells:

Remarks: tair faint

No. 1-132 Date 11/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		43 - 141.9	5 - 16.5
2		53 174.9	12 39.6
3		67 221.1	10 33.0
4		43 141.9	10 33.0
5		50 165.0	10 33.0
6		48 158.4	10 33.0
7		49 161.7	12 39.6
8			
9			
10			
T		1164.9	227.7
$\bar{x}$		166.4	32.5

Sertoli Cells: not seen

Remarks: some debris in tubules

E = 330μ

No. 1-135 Date 11/61

Spermatogenic Condition 5

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		44 - 145.2	8 - 26.4
2		54 178.2	13 42.9
3		45 148.5	12 39.6
4		43 141.9	12 39.6
5		45 148.5	18 59.4
6		52 171.6	12 39.6
7		56 184.8	13 42.9
8			
9			
10			
T		1118.1	290.4
$\bar{x}$		159.8	41.5

Sertoli Cells: not seen

Remarks:

E= 29.7 μ (1)

No. 1-134 Date 10/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1		56 - 154.8	22 - 72.6
2		55 181.5	16 52.8
3		61 201.3	15 49.5
4		46 151.8	10 33.0
5		58 191.4	10 33.0
6		88 290.4	14 46.2
7		57 188.1	10 33.0
8		56 184.8	16 52.8
9		46 151.8	8 26.4
10		56 184.8	12 39.6
T		1910.7	438.9
$\bar{x}$		191.1	43.9

Sertoli Cells: seen

Remarks:

E=39.6,4 (4)

No. 1-137 Date 10/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	69 - 227.7	20 - 66.0
2	64 211.2	14 46.2
3	58 191.4	19 62.7
4	55 181.5	10 33.0
5	70 231.0	21 69.3
6		
7		
8		
9		
10		
T	1042.8	277.2
$\bar{x}$	208.5	55.4

Sertoli Cells: not seen

Remarks: tissue badly torn

$\bar{E}$ = 23.1 μ (2)

No. 1-138 Date 10/61

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		19 - 62.7	
2		22 72.6	
3		19 62.7	
4		18 59.4	
5		23 75.9	
6		23 75.9	
7		22 72.6	
8		20 66.0	
9		25 82.5	
10		25 82.5	
T		712.8	
$\bar{x}$		71.3	

Sertoli Cells: seen

Remarks:

No. 1-139 Date 10/61

Spermatogenic Condition (2) D

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		18 - 59.4	
2		20 66.0	
3		21 69.3	
4		21 69.3	
5		21 69.3	
6		22 72.6	
7		20 66.0	
8		23 75.9	
9		21 69.3	
10		21 69.3	
T		686.4	
$\bar{x}$		68.6	

Sertoli Cells: Seen

Remarks:

No. 1-140 Date 10/61

Spermatogenic Condition 3

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		42 - 138.6	10 - 33.0
2		37 122.1	9 29.7
3		40 132.0	13 42.9
4		43 141.9	10 33.0
5		36 118.8	10 33.0
6		40 132.0	11 36.3
7		40 132.0	11 36.3
8		41 135.3	11 36.3
9		42 138.6	10 33.0
10		36 118.8	11 36.3
T		1310.1	349.8
$\bar{x}$		131.0	35.0

Sertoli Cells: seen

Remarks:

No. 1-141 Date 10/61

Spermatogenic Condition 3

Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1	31 - 102.3	9 - 29.7
2	31 102.3	10 33.0
3	25 82.5	9 29.7
4	29 95.7	10 33.0
5	28 92.4	9 29.7
6	28 92.4	10 33.0
7	32 105.6	11 36.3
8	29 95.7	10 33.0
9	24 79.2	11 36.3
10	25 82.5	8 26.4
T	930.6	320.1
$\bar{x}$	93.1	32.0

Sertoli Cells: green

Remarks:

$\bar{E} = 9.9\ \mu$ (1)

No. 1-142 Date 10/61

Spermatogenic Condition 3

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	36	118.8	9	29.7
2	34	112.2	11	36.3
3	35	115.5	10	33.0
4	37	122.1	10	33.0
5	36	118.8	12	39.6
6	41	135.3	15	49.5
7	41	135.3	11	36.3
8	36	118.8	13	42.9
9	43	141.9	12	39.6
10	35	115.5	11	36.3
T		1234.2		376.2
$\bar{x}$		123.4		37.6

Sertoli Cells: seen

Remarks:

E = 9.9 μ (1)

No. 1-144 Date 16/61

Spermatogenic Condition (2) 6

	Interstitial Cell nuclear diam. μ.	Seminiferous tubule diam. μ.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: not seen

Remarks: tissue shredded

F 1-3 2-11 (2)

No. 1-146 Date 10/61

Spermatogenic Condition of testis Lo

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		52 - 171.6	14 - 46.2
2		43 141.9	10 33.0
3		40 132.0	11 36.3
4		50 165.0	10 33.0
5		62 204.6	18 59.4
6		54 178.2	12 39.6
7			
8			
9			
10			
T		993.3	247.5
$\bar{x}$		165.6	41.2

Sertoli Cells: not seen

Remarks:

F = 13.2 M

(1)

No. 1-148 Date 11/6/61

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		19 - 62.7	
2		20 66.0	
3		19 62.7	
4		20 66.0	
5		25 82.5	
6		20 66.0	
7		20 66.0	
8		19 62.7	
9		21 69.3	
10		21 69.3	
T		673.2	
$\bar{x}$		67.3	

Sertoli Cells: seen

Remarks:

No. 1-199 Date 10/61

Spermatogenic Condition (2) 5

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
		μm.	
1		55 - 181.5	17 - 56.1
2		62 204.6	15 49.5
3		59 194.7	14 46.2
4		59 194.7	11 36.3
5		59 194.7	15 49.5
6		60 198.0	19 62.7
7		47 155.1	13 42.9
8		62 204.6	20 66.0
9		55 181.5	20 66.0
10		73 240.9	25 82.5
T		1950.3	557.7
$\bar{x}$		195.0	55.8

Sertoli Cells: seen

Remarks:

No. 1-150 Date 10/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
		μ. m.	
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells:

Remarks: tissue shredded

E = 19.8 μ (3)

No. 1-751 Date 12/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		51 - 168.3	10 - 33.0
2		46 151.8	10 33.0
3		48 158.4	7 23.1
4		47 155.1	8 26.4
5		40 132.0	8 26.4
6		42 138.6	10 33.0
7		50 165.0	10 33.0
8		60 198.0	17 56.1
9		42 138.6	10 33.0
10		45 148.5	10 33.0
T		1559.3	330.0
$\bar{x}$		155.4	33.0

Sertoli Cells: seen

Remarks: large intertubular spaces

E = 26.4 μ (2)

No. 1-154 Date 11/6/61

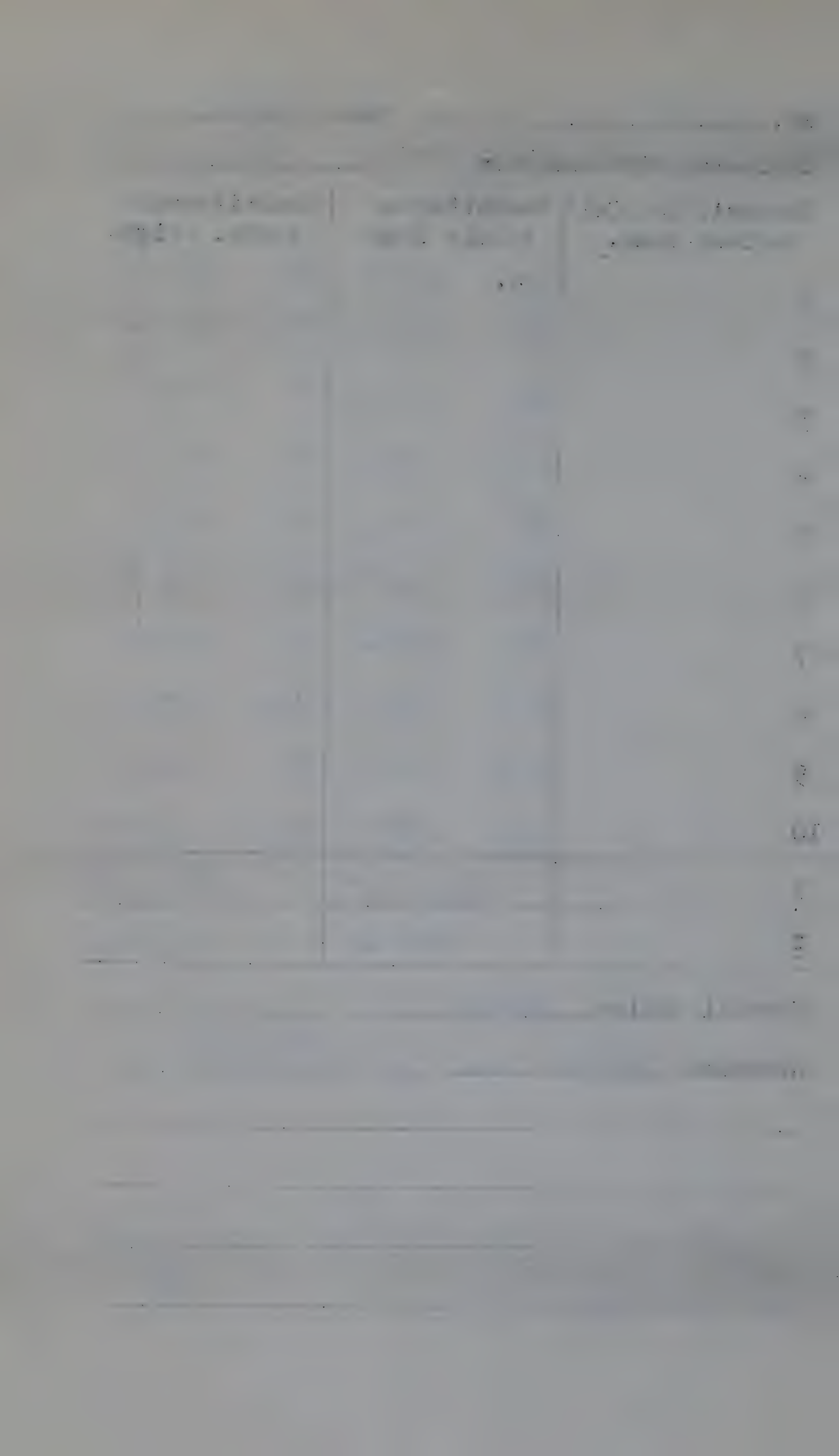
Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (7)	Seminiferous epith. height
1		56 - 184.8	10 - 33.0
2		47 155.1	10 33.0
3		46 151.8	11 36.3
4		50 165.0	7 23.1
5		49 161.7	13 42.9
6		50 165.0	15 49.5
7		57 168.3	10 33.0
8		51 168.3	12 39.6
9		52 171.6	8 26.4
10		53 174.9	10 33.0
T		1666.5	349.8
$\bar{x}$		166.6	35.0

Sertoli Cells: seen

Remarks: debris in some tubules

E = 26.4 μ (3)



No. 1-155 Date 12/61

Spermatogenic Condition 5

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		40 - 132.0	9 - 29.7
2		34 112.2	7 23.1
3		34 112.2	11 36.3
4		39 128.7	8 26.4
5		40 132.0	12 39.6
6		34 112.2	8 26.4
7		35 115.5	12 39.6
8		40 132.0	10 33.0
9		37 122.1	11 36.3
10		41 135.3	6 19.8
T		1234.2	310.2
$\bar{x}$		123.4	31.0

Sertoli Cells: poor

Remarks:

F=16.5 (1)

No. 1-158 Date 10/61

Spermatogenic Condition [illegible] 2 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		20 – 66.0	
2		19 62.7	
3		19 62.7	
4		18 59.4	
5		18 59.4	
6		18 59.4	
7		23 75.9	
8		19 62.7	
9		19 62.7	
10		20 66.0	
T		636.9	
$\bar{x}$		63.7	

Sertoli Cells: absent

Remarks: stain faint

No. 1-15.7 Date 10/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		6.3 - 207.9	16 - 52.8
2		62 204.6	17 56.1
3		55 181.5	12 39.6
4		52 171.6	12 39.6
5		56 184.8	15 49.5
6		51 168.3	17 56.1
7		53 174.9	10 33.0
8		58 191.4	17 56.1
9		46 151.8	12 39.6
10		72 237.6	26 85.8
T		1874.4	508.2
$\bar{x}$		187.4	50.8

Sertoli Cells: not seen

Remarks:

E = 19.8 μ

No. 1-160 Date 11/6/61

Spermatogenic Condition (2) 5

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		55 - 181.5	13 - 42.9
2		46 151.8	12 39.6
3		40 132.0	10 33.0
4		46 151.6	15 49.5
5		47 155.1	15 49.5
6		68 224.4	13 42.9
7		52 171.6	16 52.8
8		57 188.1	13 42.9
9		55 181.5	10 33.0
10		59 194.7	10 33.0
T		1732.5	419.1
$\bar{x}$		173.2	41.9

Sertoli Cells: seen

Remarks:

E = 16.5 μ (3)

No. 1-162 Date 4/61

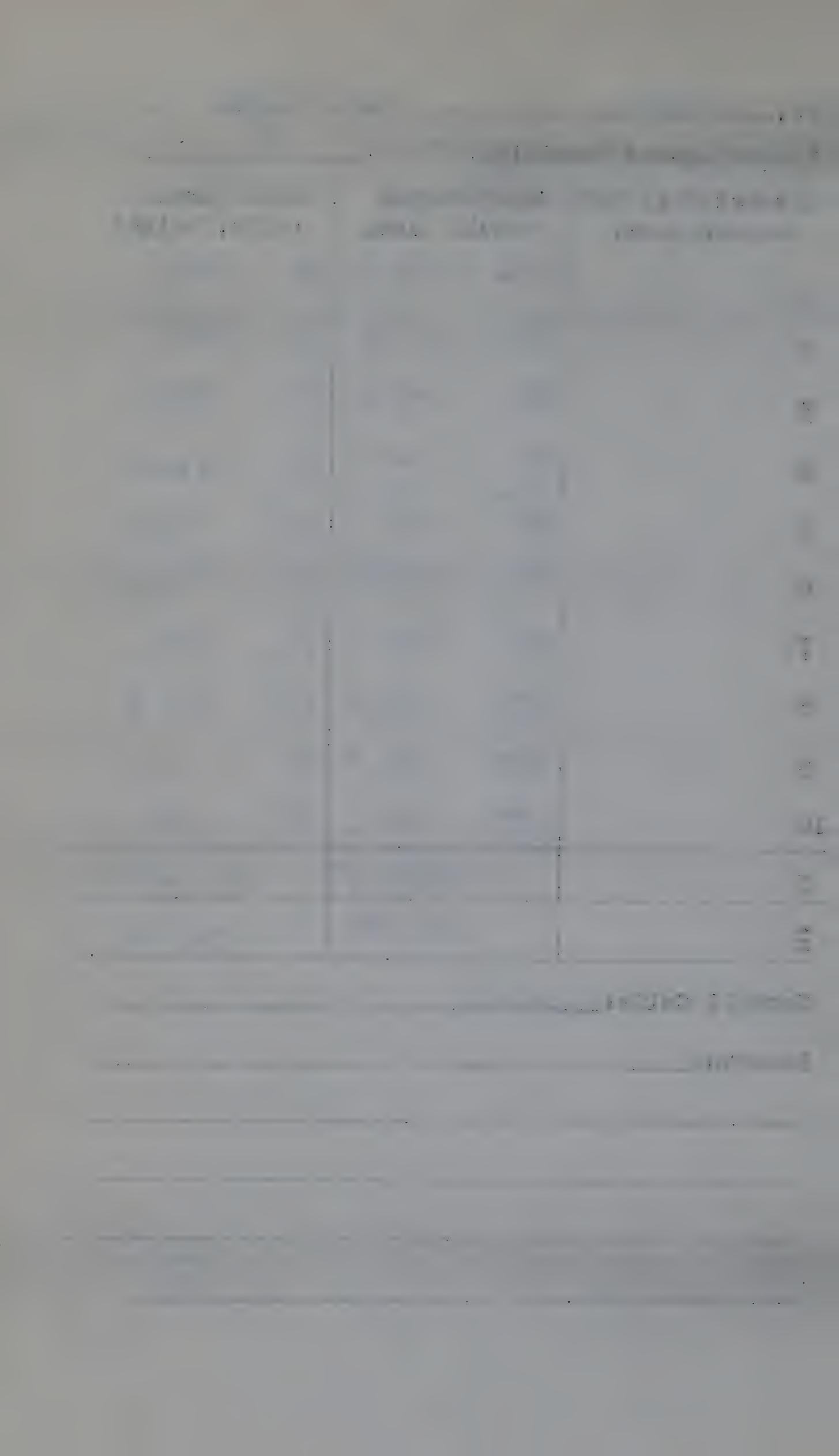
Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		48 - 158.4	10 - 33.0
2		46 151.8	11 36.3
3		44 145.2	10 33.0
4		39 128.7	11 36.3
5		47 155.1	15 49.5
6		56 184.8	11 36.3
7		49 161.7	12 39.6
8		52 171.6	13 42.9
9		40 132.0	8 26.4
10		44 145.2	8 26.4
T		1534.5	359.7
$\bar{x}$		153.4	36.0

Sertoli Cells: ocean

Remarks:

E = 3.21 μ



No. 1-163 Date V/61

Spermatogenic Condition b

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		47 - 155.1	9 - 29.7
2		47 155.1	7 23.1
3		48 158.4	10 33.0
4		56 184.8	13 42.9
5		62 204.6	14 46.2
6		60 198.0	10 33.0
7		56 184.8	11 36.3
8		52 171.6	15 49.5
9		52 171.6	10 33.0
10		48 158.4	13 42.9
T		1742.4	369.6
$\bar{x}$		174.2	37.0

Sertoli Cells: not seen

Remarks:

No. 1-165 Date 5/3/61

Spermatogenic Condition

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		18 - 59.4	
2		20 66.0	
3		21 69.3	
4		16 52.8	
5		18 59.4	
6		19 62.7	
7		22 72.6	
8		18 59.4	
9		19 62.7	
10		20 66.0	
T		630.3	
$\bar{x}$		63.0	

Sertoli Cells: seen

Remarks:

No. 1-167 Date V/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		52 - 171.6	12 - 39.6
2		50 165.0	18 59.4
3			
4			
5			
6			
7			
8			
9			
10			
T		336.6	99.0
$\bar{x}$		168.3	49.5

Sertoli Cells: not seen

Remarks: tissue torn & folded

No. 1-168 Date 1/61

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)		Seminiferous epith. height	
1		37 - 122.1		6 - 19.8	
2		27	89.1	8	26.4
3		31	102.3	10	33.0
4		37	122.1	10	33.0
5		36	118.8	6	19.8
6		37	122.1	6	19.8
7		33	108.9	9	29.7
8		40	132.0	15	49.5
9		37	122.1	10	33.0
10		38	125.4	10	33.0
T			1164.9		297.0
$\bar{x}$			116.5		29.7

Sertoli Cells: seen

Remarks:

E = 26.4 μ (3)

No. 1-169 Date 4/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells:

Remarks: stain faint

E = 33.0μ

(3)

No. 1-1.73 Date 6/6/61

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		56 - 184.8	9 - 29.7
2		43 141.9	6 19.8
3		41 135.3	7 23.1
4		48 158.4	10 33.0
5		41 135.3	10 33.0
6		44 145.2	12 39.6
7		44 145.2	11 36.3
8		32 105.6	9 29.7
9		36 118.8	9 29.7
10		35 115.5	5 16.5
T		1386.0	290.4
$\bar{x}$		138.6	29.0

Sertoli Cells: seen

Remarks: large intertubular spaces

E= 26.4 μ (5)

No. 1-175 Date 6/1/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		64 - 211.2	15 - 49.5
2		57 188.1	7 23.1
3		42 138.6	8 26.4
4		36 118.8	6 19.8
5		54 178.2	11 36.3
6		43 141.9	9 29.7
7		52 171.6	9 29.7
8		51 168.3	8 26.4
9		46 151.8	6 19.8
10		38 125.4	9 29.7
T		1593.9	290.4
$\bar{x}$		159.4	29.0

Sertoli Cells: seen

Remarks:

E = 19.8 μ

No. 1-176 Date 11/61

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		43 - 141.9	8 - 26.4
2		39 128.7	6 19.8
3		42 138.6	8 26.4
4		47 155.1	9 29.7
5		48 158.4	8 26.4
6		45 148.5	9 29.7
7		38 125.4	8 26.4
8		33 108.9	10 33.0
9		51 168.3	11 36.3
10		45 148.5	10 33.0
T		1427.3	287.1
$\bar{x}$		142.2	28.7

Sertoli Cells: seen

Remarks: ~~seen~~ large intertubular spaces

$\bar{E}$ = 29.7 μ (3)

No. 1-177 Date 10/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		40 - 132.0	11 - 36.3
2		46 151.8	6 19.8
3		46 151.8	11 36.3
4		40 132.0	6 19.8
5		39 128.7	10 33.0
6		43 141.9	10 33.0
7		36 118.8	11 36.3
8		45 148.5	5 16.5
9		50 165.0	12 39.6
10		47 155.1	6 19.8
T		1425.6	290.4
$\bar{x}$		142.6	29.0

Sertoli Cells: not seen

Remarks:

E = 29.7 μ (3)

No. 1-178 Date VI/61

Spermatogenic Condition —

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		60 - 198.0	10 - 33.0
2		37 122.1	9 29.7
3		31 102.3	11 36.3
4		51 168.3	15 49.5
5		45 148.5	15 49.5
6		52 171.6	14 46.2
7		42 138.6	9 29.7
8		41 135.3	12 39.6
9		49 161.7	18 59.4
10		42 138.6	11 36.3
T		1485.0	409.2
$\bar{x}$		148.5	40.9

Sertoli Cells: seen

Remarks:

E = 231 μ

No. 1-179 Date VI/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		44 - 145.2	9 - 29.7
2		52 171.6	14 46.2
3			
4			
5			
6			
7			
8			
9			
10			
T		316.8	75.9
$\bar{x}$		158.4	38.0

Sertoli Cells: not seen

Remarks: stain faint

No. 1-180 Date 11/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: _____

Remarks: poor slide

No. 1-181 Date VI/61

Spermatogenic Condition 6 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
		53 - 174.9	14 - 46.2
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T		174.9	46.2
$\bar{x}$		174.9	46.2

Sertoli Cells: not seen

Remarks:

No. 1-183 Date VI/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		57 - 188.1	20 - 66.0
2		43 141.9	11 36.3
3		42 138.6	10 33.0
4		38 125.4	8 26.4
5		37 122.1	12 39.6
6		37 122.1	6 19.8
7		38 125.4	5 16.5
8		30 99.0	8 26.4
9		58 191.4	15 49.5
10		32 105.6	7 23.1
T		1359.6	336.6
$\bar{x}$		136.0	33.7

Sertoli Cells: seen

Remarks:

E= 33.0 μ (3)

No. 1-184 Date VI/61

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		40 - 132.0	12 - 39.6
2		50 165.0	10 33.0
3		54 178.2	8 26.4
4		30 99.0	10 33.0
5		42 138.6	10 33.0
6		44 145.2	12 39.6
7		40 132.0	10 33.0
8		41 135.3	8 26.4
9		38 125.4	9 29.7
10		47 155.1	14 46.2
T		1405.8	339.9
$\bar{x}$		140.6	34.0

Sertoli Cells: Seen

Remarks:

No. 1-180 Date VI/61

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		32 - 105.6	10 - 33.0
2		41 135.3	11 36.3
3		39 128.7	10 33.0
4		37 122.1	10 33.0
5		45 148.5	10 33.0
6		39 128.7	12 39.6
7		38 125.4	11 36.3
8		39 128.7	10 33.0
9		48 158.4	15 49.5
10		31 102.3	11 36.3
T		1283.7	363.0
$\bar{x}$		128.4	36.3

Sertoli Cells: seen

Remarks:

No. 1-191 Date V/c/61

Spermatogenic Condition (2) 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		47. - 135.3	3 - 9.9
2		52 171.6	8 26.4
3		44 145.2	10 33.0
4		42 138.6	6 19.8
5		43 141.9	5 16.5
6		36 118.8	8 26.4
7		39 128.7	13 42.9
8		48 158.4	8 26.4
9		40 132.0	8 26.4
10		52 171.6	9 29.7
T		1442.1	257.4
$\bar{x}$		144.2	25.7

Sertoli Cells: seen

Remarks: evidently lost all but outermost layer of cells - most cells in lumen are debris

No. 1-193 Date VII 6/61

Spermatogenic Condition C

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		18. - 59.4	
2		17 56.1	
3		16 52.8	
4		15 49.5	
5		15 49.5	
6		14 46.2	
7		17 56.1	
8		19 62.7	
9		19 62.7	
10		15 49.5	
T		5 44.5	
$\bar{x}$		5 4.4	

Sertoli Cells: seen

Remarks:

No. 1-195 Date 10d/61

Spermatogenic Condition [illegible]

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
		μ. m.	
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells:

Remarks: no testis

No. 1-196 Date VI 6/61

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		13. - 42.9	
2		14 46.2	
3		16 52.8	
4		14 46.2	
5		15 49.5	
6		19 62.7	
7		17 56.1	
8		15 49.5	
9		16 52.8	
10		13 42.9	
T		501.6	
$\bar{x}$		50,2	

Sertoli Cells: seen

Remarks:

No. 1-201 Date Vdll/61

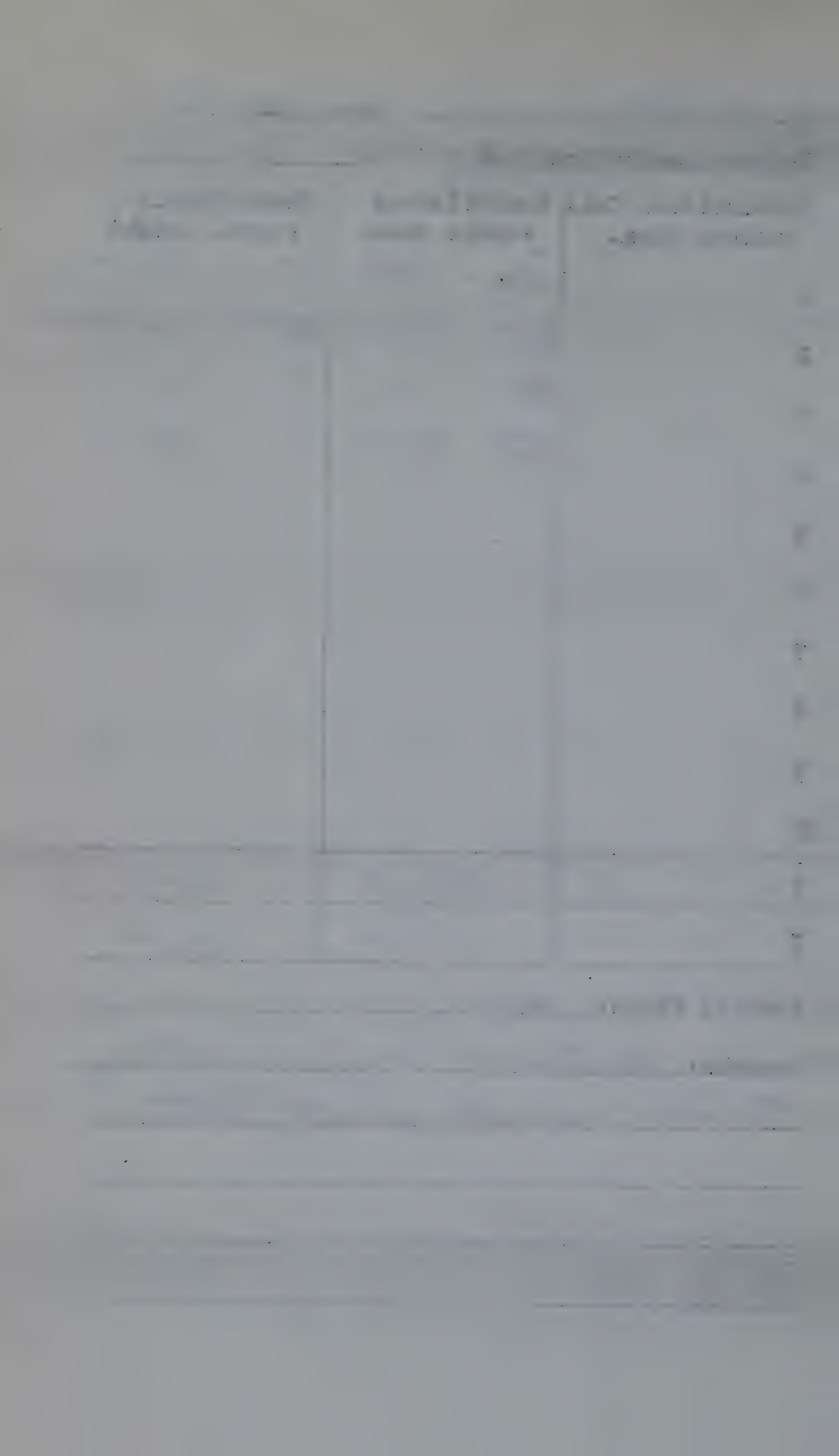
Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		72.6	16.5
2		82.5	26.4
3		95.7	16.5
4		75.9	26.4
5			
6			
7			
8			
9			
10			
T		326.7	85.8
$\bar{x}$		81,7	21.4

Sertoli Cells: seen

Remarks: epithelial height 1 cell layer thick; small piece of testis

E = 16.5 μ



No. 1-204 Date 1X/61

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		24. – 69.3	
2		20 66.0	
3		23 75.9	
4		23 75.9	
5		24 79.2	
6		23 75.9	
7		23 75.9	
8		21 69.3	
9		24 79.2	
10		24 79.2	
T		745.8	
$\bar{x}$		74.6	

Sertoli Cells: seen

Remarks:

No. 1-205 Date IX/61

Spermatogenic Condition 7+

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: seen

Remarks:

E = 13.2 (2)

No. 1-206 Date IX/61

Spermatogenic Condition _____

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: _____

Remarks: moderate

No. 1-207 Date IX / 61

Spermatogenic Condition 9

	Interstitial Cell nuclear diam. (3)	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	3 - 6.3	26 - 85.8	
2	3 6.3	26 85.8	
3	3 6.3	27 89.1	
4	3 6.3	28 92.4	
5		29 95.7	
6		27 89.1	
7		28 92.4	
8		30 99.0	
9		27 89.1	
10		29 95.7	
T		914.1	
$\bar{x}$	6.3	91.4	

Sertoli Cells: seen

Remarks: very clear slide

No. 1-209 Date 1/61/62

Spermatogenic Condition 3

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		56 - 184.8	17 - 56.1
2		51 168.3	17 56.1
3		55 181.5	18 59.4
4		56 184.8	18 59.4
5		43 141.9	14 46.2
6			
7			
8			
9			
10			
T		861.3	277.2
$\bar{x}$		172.3	55.4

Sertoli Cells: not seen

Remarks:

No. 1-210 Date 10/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		54 - 178.2	10 - 33.0
2		56 184.8	13 42.9
3		55 181.5	10 33.0
4		42 138.6	8 26.4
5		42 138.6	14 46.2
6		43 141.9	15 49.5
7		50 165.0	11 36.3
8		44 145.2	11 36.3
9		52 171.6	10 33.0
10		57 188.1	18 59.4
T		1633.5	396.0
$\bar{x}$		163.4	39.6

Sertoli Cells: not seen

Remarks:

No. 1-212 Date 6/62

Spermatogenic Condition

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
		μ.	
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells:

Remarks: no tests

E = 26.4 μ

No. 1-214 Date 4/62

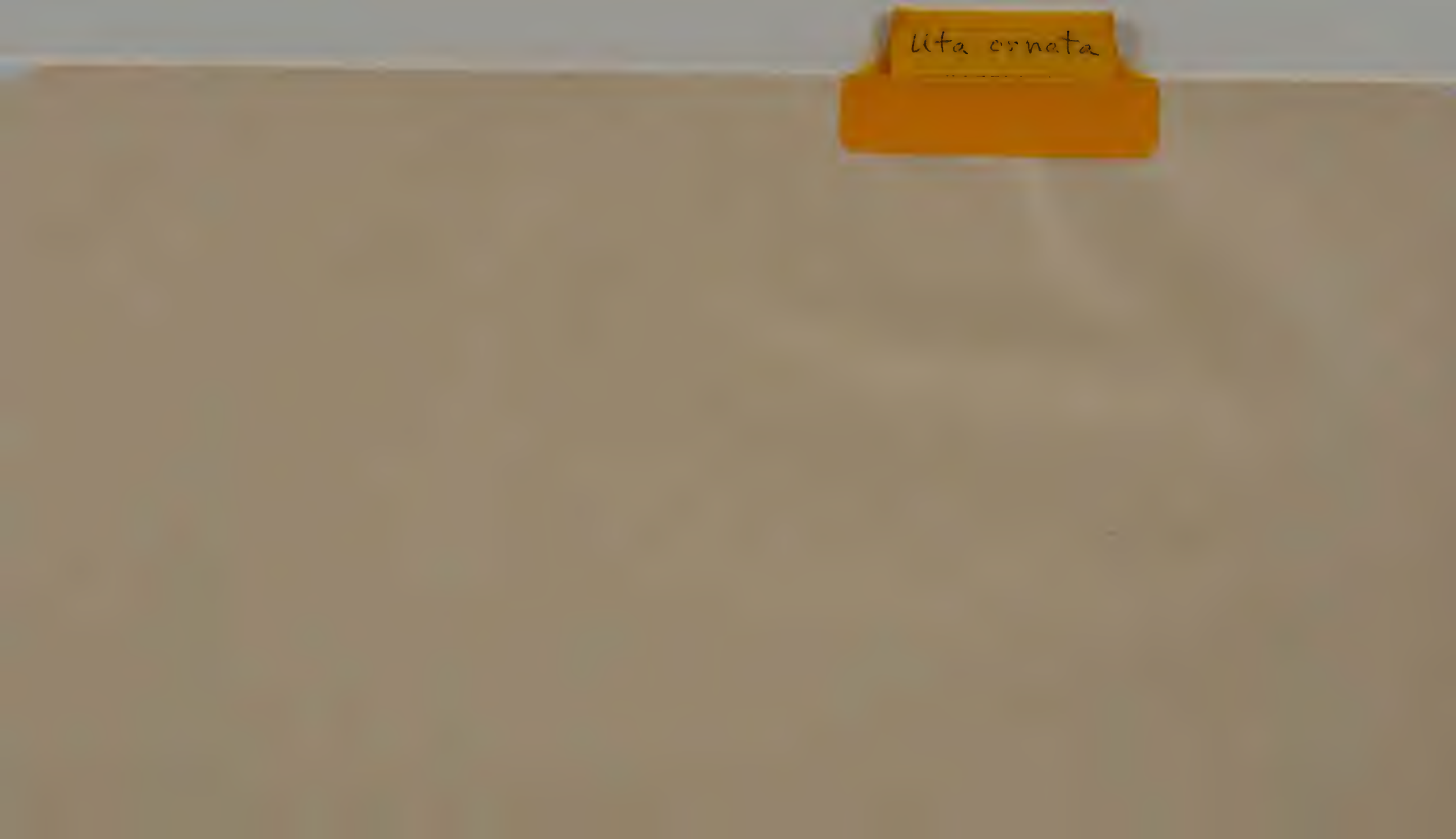
Spermatogenic Condition (2) 4

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		70 - 231.0	9 - 29.7
2		60 198.0	11 36.3
3		59 194.7	10 33.0
4		60 198.0	15 49.5
5		66 217.8	16 52.8
6		59 194.7	14 46.2
7		63 207.9	11 36.3
8			
9			
10			
T		1442.1	283.8
$\bar{x}$		206.0	40,5

Sertoli Cells: Seen

Remarks:

Vita ornata


Lita ornata

No. 78 4-2 Date 11/6/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		~~232~~ 57	13
2		60	10
3		56	9
4		56	10
5		58	12
6		48	8
7		46	10
8		46	7
9		48	15
10		46	10
T			
$\bar{x}$			

Sertoli Cells: none

Remarks:

E= 19.8

48

No. ~~1~~ 3 Date VIc/61

Spermatogenic Condition 4p

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		78	7
2		83	11
3		35	21
4		63	12
5		48	8
6		49	9
7		72	10
8		72	15
9		77	9
10		70	12
T			
$\bar{x}$			

Sertoli Cells: seen

Remarks:

E = 16.5 μ (3)

No. 48 ~~6~~-4 Date 11/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	67	13
2	70	15
3	50	12
4	57	10
5	60	8
6	54	9
7	50	12
8	45	6
9	60	14
10	47	9
T		
$\bar{x}$		

Sertoli Cells: seen

Remarks:

E = 9.9 μ (3)

No. 48 4-5 Date 6/1/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		52	7
2		63	13
3		49	9
4		46	8
5		40	10
6		44	6
7		56	10
8		53	8
9		52	10
10		55	10
T			
$\bar{x}$			

Sertoli Cells: [illegible]

Remarks:

E = 19.8 (3)

No. 48 4-6 Date VI/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	46	9
2	49	9
3	40	9
4	54	8
5	53	12
6	51	10
7	54	8
8	67	8
9	52	10
10	53	9
T		
$\bar{x}$		

Sertoli Cells: seen

Remarks:

E=23 1/4 (3)

No. 48 4-7 Date 11/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1		50	7
2		46	10
3		40	10
4		59	11
5		45	6
6		50	5
7		37	7
8		53	10
9		46	5
10		60	13
T			
$\bar{x}$			

Sertoli Cells: poor

Remarks:

E= 13.2 u (4)

No. 7-403 Date VII / 61

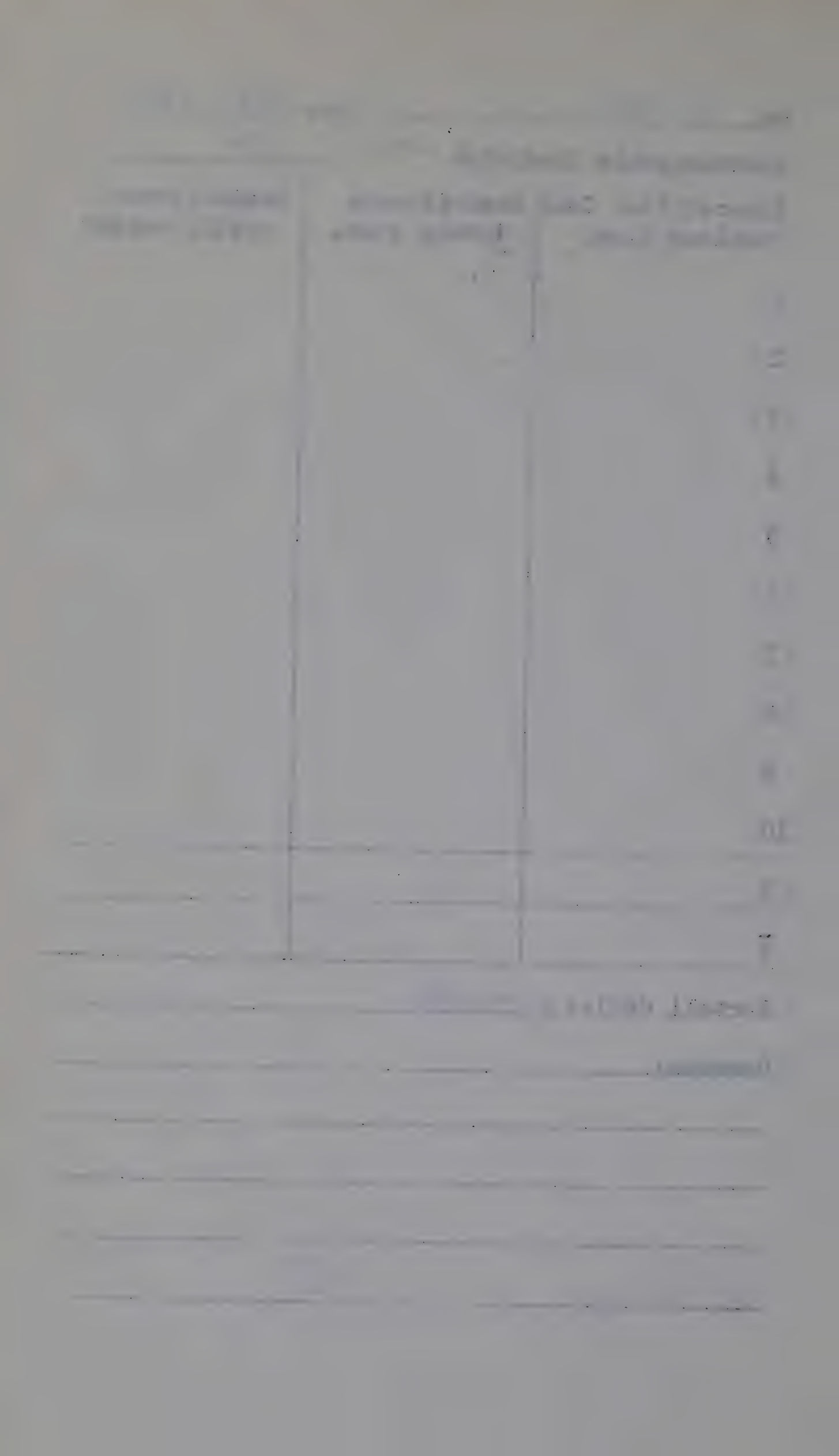
Spermatogenic Condition VIII = 7+

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
		μ.	
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: visible

Remarks:

E = 13.2 μ (1)



No. 7-404 Date VIt/61

Spermatogenic Condition 8

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)		Seminiferous epith. height
1	20	66.0	
2	27	89.1	
3	18	59.4	
4	19	62.7	
5	17	56.1	
6	18	59.4	
7	21	69.3	
8	22	72.6	
9	24	79.2	
10	28	92.4	
T		706.2	
$\bar{x}$		70.6	

Sertoli Cells: visible

Remarks:

No. 7-405 Date VII/61

Spermatogenic Condition 8

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)		Seminiferous epith. height
1	23	75.9	
2	26	85.8	
3	23	75.9	
4	22	72.6	
5	20	66.0	
6	21	69.3	
7	16	52.8	
8	22	72.6	
9	18	59.4	
10	18	59.4	
T		689.7	
$\bar{x}$		~~68~~ 69.0	

Sertoli Cells: visible

Remarks:

E = 19.8 μ (1)

No. 7-410 Date VIII/61

Spermatogenic Condition 7+

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	26 - 85.8	
2	23 75.9	
3	28 92.4	
4	27 89.1	
5	23 75.9	
6	23 75.9	
7	26 85.8	
8	24 79.2	
9	27 89.1	
10	26 85.8	
T	834.9	
$\bar{x}$	83.5	

Sertoli Cells: visible

Remarks: some still convoluted

E = 29.7 μ ①

No. 7-412 Date VIII/61

Spermatogenic Condition O

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		12 - 39.6	
2		12 39.6	
3		12 39.6	
4		13 42.9	
5		13 42.9	
6		12 39.6	
7		12 39.6	
8		15 49.5	
9		13 42.9	
10		12 39.6	
T		415.8	
$\bar{x}$		41.6	

Sertoli Cells: visible

Remarks:

$\bar{x}$ = 13.24

No. 7-414 Date VIII/61

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1		25 - 82.5	
2		23 75.9	
3		22 72.6	
4		19 62.7	
5		19 62.7	
6		19 62.7	
7		24 79.2	
8		24 79.2	
9		21 69.3	
10		20 66.0	
T		712.8	
$\bar{x}$		71.3	

Sertoli Cells: visible

Remarks:

E = 19.8 μ C

No. 7-415 Date VIII/61

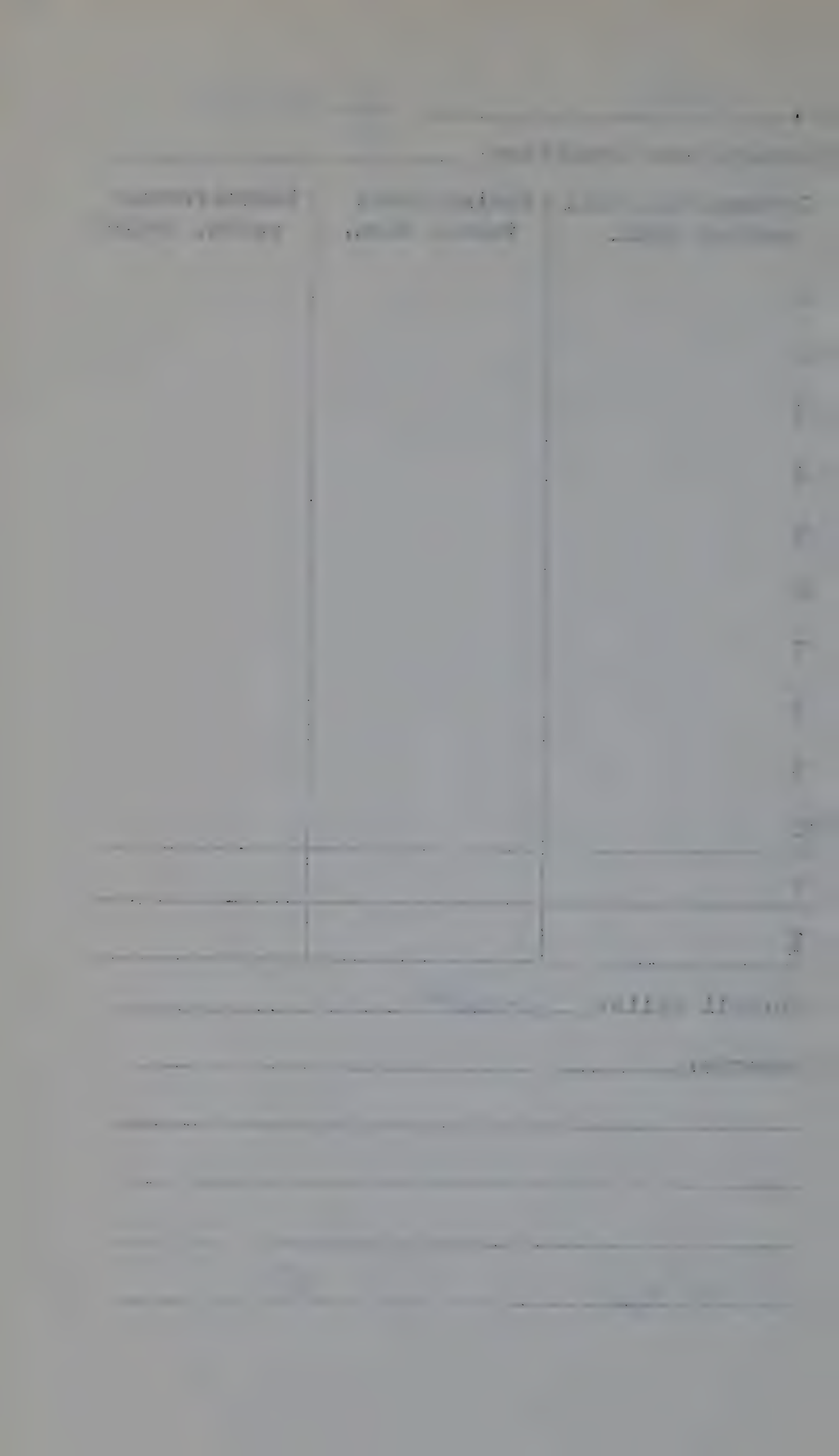
Spermatogenic Condition 7+

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: visible

Remarks:

$\bar{x} = 12.6\ \mu$ (1)



No. 7-416 Date VIII/61

Spermatogenic Condition (7) 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		20 - 66.0	
2		19 62.7	
3		24 79.2	
4		22 72.6	
5		22 72.6	
6		24 79.2	
7		24 79.2	
8		23 75.9	
9		23 75.9	
10		23 75.9	
T		739.2	
$\bar{x}$		73.9 ~~74.6~~	

Sertoli Cells: visible

Remarks:

E = 16.8 μ

No. 7-417 Date VIII/61

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1		22 – 72.6	
2		24 79.2	
3		20 66.0	
4		25 82.5	
5		22 72.6	
6		25 82.5	
7		18 59.4	
8		25 82.5	
9		21 69.3	
10		29 95.7	
T		762.3	
$\bar{x}$		76.2	

Sertoli Cells: visible

Remarks: convolutions still visible

No. 7-418 Date VIII/61

Spermatogenic Condition 7+

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: visibly

Remarks:

E = 13.2 μ

No. 7-419 Date VIII/61

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1		23 - 75.9	
2		29 95.7	
3		24 79.2	
4		22 72.6	
5		16 52.8	
6		28 92.4	
7		27 89.1	
8		27 89.1	
9		25 82.5	
10		26 85.8	
T		815.1	
$\bar{x}$		81.5	

Sertoli Cells: visible

Remarks: stain too light

E = 23 1/u (1)

No. 7-420 Date VIII/61

Spermatogenic Condition 7+

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: visible

Remarks: most tubules in longitudinal section

$\bar{E}$ = 19.8 μ

No. 7-426 Date 1X/61

Spermatogenic Condition O

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1		12 – 39.6	
2		12 39.6	
3		12 39.6	
4		14 46.2	
5		12 39.6	
6		11 36.3	
7		12 39.6	
8		11 36.3	
9		12 39.6	
10		11 36.3	
T		392.7	
$\bar{x}$		39.3	

Sertoli Cells: visible

Remarks:

E = 10.5 μ

No. 7-428 Date IX/61

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1		22 - 72.6	
2		25 82.5	
3		19 62.7	
4		20 66.0	
5		22 72.6	
6		23 75.9	
7		21 69.3	
8		22 72.6	
9		21 69.3	
10		24 79.2	
T		722.7	
$\bar{x}$		72.3	

Sertoli Cells: visible

Remarks:

No. 7-429 Date IX/61

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1		29 - 95.7	
2		29 95.7	
3		30 99.0	
4		26 85.8	
5		25 82.5	
6		27 89.1	
7		23 75.9	
8		25 82.5	
9		26 85.8	
10		25 82.5	
T		774.5	
$\bar{x}$		87.4	

Sertoli Cells: mild

Remarks:

E = 19.8 μ (6)

No. 7-430 Date 1X/61

Spermatogenic Condition

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
		μ.	
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells:

Remarks: glandular tissue between testes

$\bar{x}$ = 13.2 μ

No. 7-434 Date 12/61

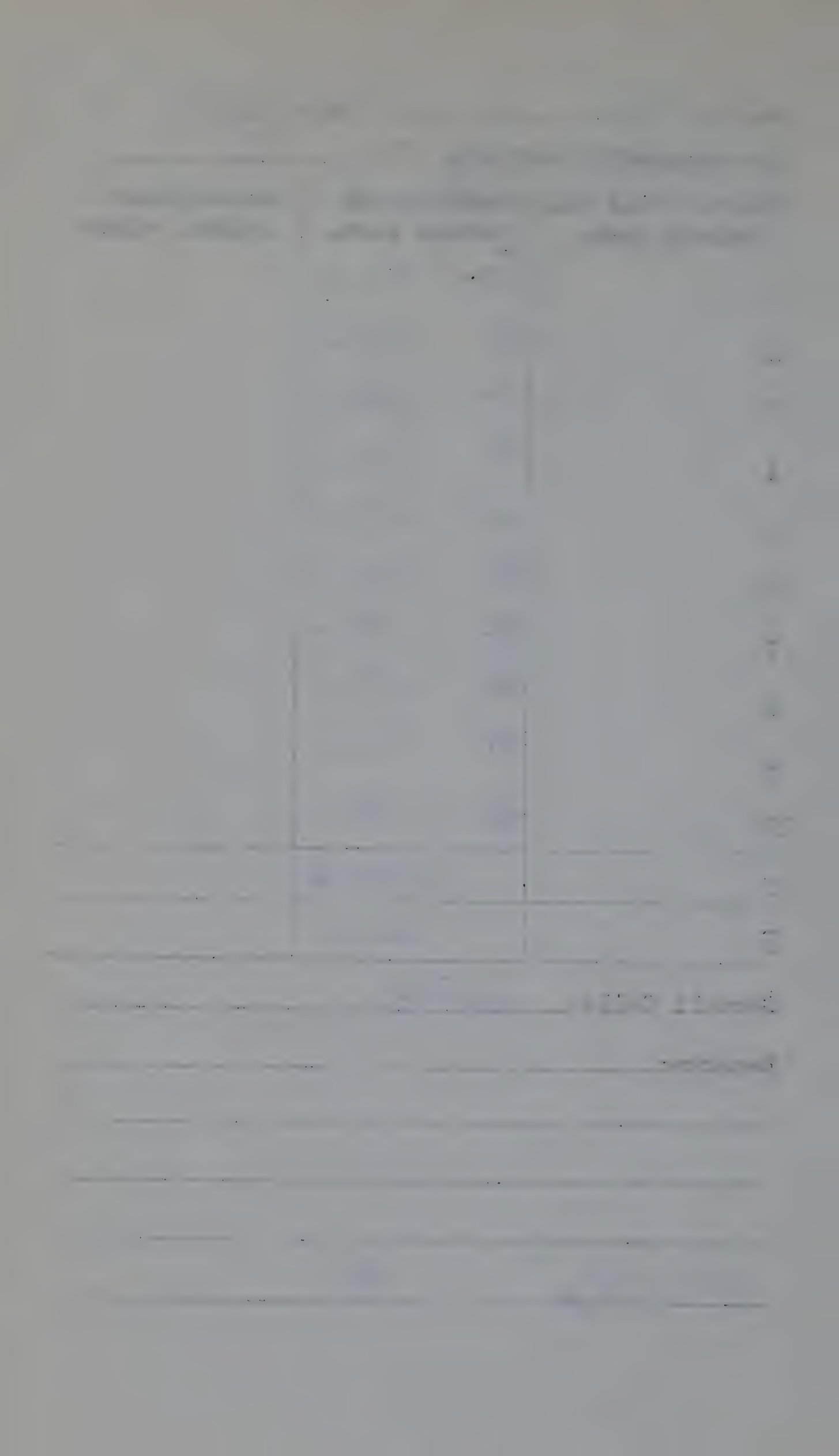
Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		34. - 112.2	
2		31 102.3	
3		32 105.6	
4		27 89.1	
5		35 115.5	
6		33 108.9	
7		32 105.6	
8		40 132.0	
9		31 102.3	
10		47 155.1	
T		1128.6	
$\bar{x}$		112.9	

Sertoli Cells: visible

Remarks:

E = 19.8 μ (1)



No. 7-436 Date X/61

Spermatogenic Condition (2) 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		12. - 39.6	
2		13 42.9	
3		11 36.3	
4		12 39.6	
5		13 42.9	
6		13 42.9	
7		14 46.2	
8		12 39.6	
9		11 36.3	
10		11 36.3	
T		402.4	
$\bar{x}$		40.3	

Sertoli Cells: visible

Remarks: a few undergoing division

No. 7-437 Date X 61

Spermatogenic Condition [illegible] 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		72.6	
2		92.4	
3		66.0	
4		66.0	
5		59.4	
6		59.4	
7		66.0	
8		59.4	
9		62.7	
10		82.5	
T		686.4	
$\bar{x}$		68.6	

Sertoli Cells: resolved

Remarks:

$\bar{E}$ = 16.5 μ (1)

No. 7-444 Date X-61

Spermatogenic Condition (2) 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		17 — 56.1	
2		16 52.8	
3		15 49.5	
4		17 56.1	
5		20 66.0	
6		17 56.1	
7		16 52.8	
8		18 59.4	
9		16 52.8	
10		16 52.8	
T		587.4	
$\bar{x}$		58.7	

Sertoli Cells: seen

Remarks:

E = 9.9 μ

No. 7-445 Date X/61

Spermatogenic Condition (2) = 3

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		46. - 151.8	9 - 29.7
2		35 115.5	12 39.6
3		36 118.8	11 36.3
4		38 125.4	11 36.3
5		37 122.1	11 36.3
6		29 95.7	8 26.4
7		29 95.7	12 39.6
8		36 118.8	11 36.3
9		38 125.4	13 42.9
10		38 125.4	15 49.5
T		1194.6	372.9
$\bar{x}$		119.5	37.3

Sertoli Cells: visible

Remarks:

E = 9.9 µ (1)

No. T-446 Date Oct 61

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		38. - 125.4	
2		34 112.2	
3		40 132.0	
4		40 132.0	
5		33 108.9	
6		40 132.0	
7		38 125.4	
8		47 155.1	
9		42 138.6	
10		34 112.2	
T		1273.8	
$\bar{x}$		127.4	

Sertoli Cells: visible

Remarks:

E = 14.7μ (1)

No. 7-447 Date X/61

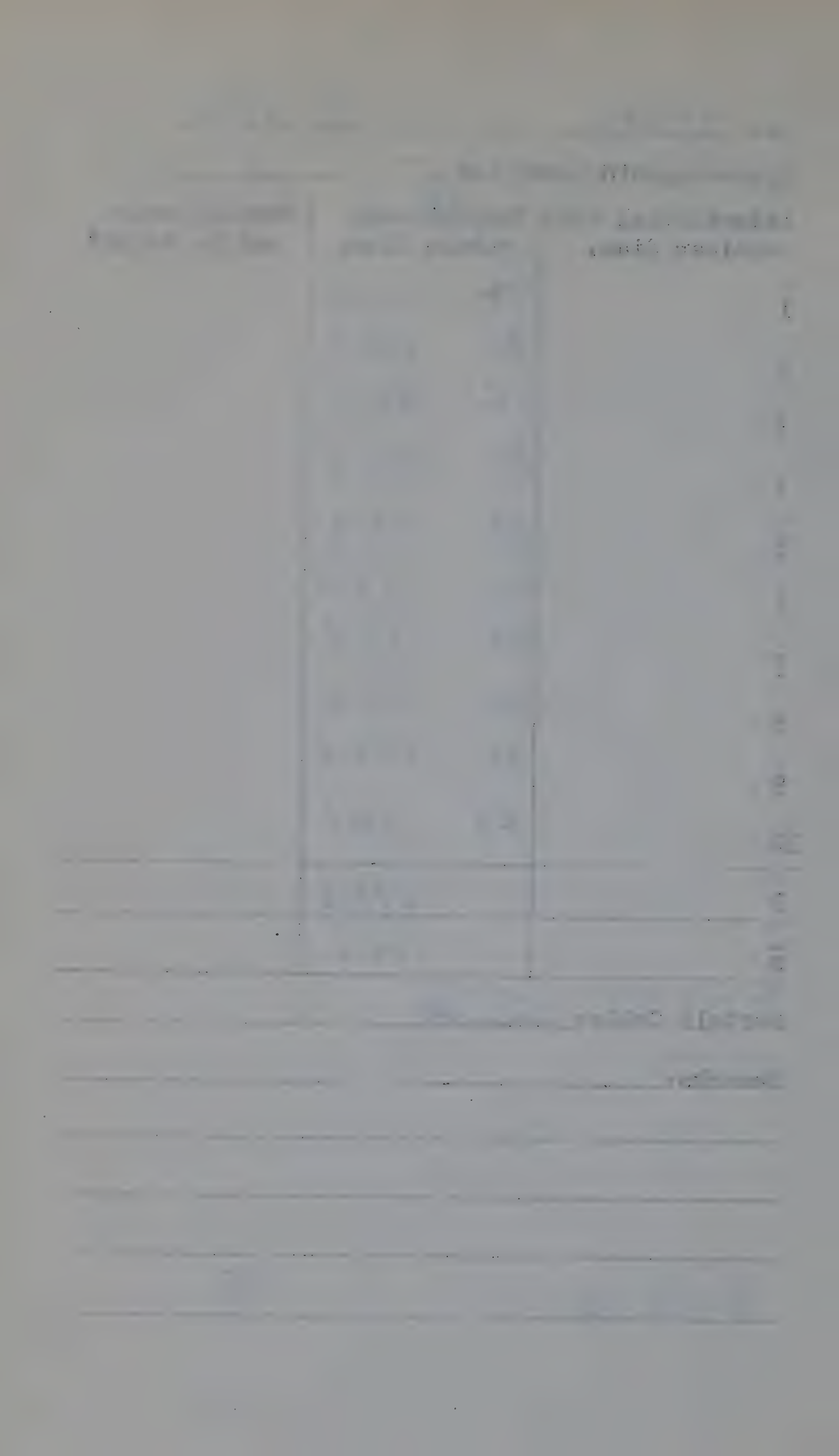
Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		34 - 112.2	
2		33 108.9	
3		29 95.7	
4		33 108.9	
5		33 108.9	
6		30 99.0	
7		38 125.4	
8		32 105.6	
9		42 138.6	
10		28 92.4	
T		1095.6	
$\bar{x}$		109.6	

Sertoli Cells: visible

Remarks:

E=29.7µ (1)



No. 7-445 Date X/61

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		18. - 59.4	
2		18 59.4	
3		23 75.9	
4		18 59.4	
5		25 82.5	
6		23 75.9	
7		20 66.0	
8		20 66.0	
9		21 69.3	
10		21 69.3	
T		683.1	
$\bar{x}$		68.3	

Sertoli Cells: visible

Remarks:

E = 13.2 ①

No. 7-449 Date X/61

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		22. - 72.6	
2		29 95.7	
3		25 82.5	
4		25 82.5	
5		20 66.0	
6		23 75.9	
7		21 69.3	
8		24 79.2	
9		23 75.9	
10		25 82.5	
T		782.1	
$\bar{x}$		78.2	

Sertoli Cells: [illegible]

Remarks:

$\bar{x}$ = 16.5 μ (1)

No. T-450 Date Xc/61

Spermatogenic Condition = 9

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1		1.8 - 59.4	
2		17 56.1	
3		26 85.8	
4		24 79.2	
5		18 59.4	
6		23 75.9	
7		21 69.3	
8		20 66.0	
9		21 69.3	
10		16 52.8	
T		673.2	
$\bar{x}$		67.3	

Sertoli Cells: visible

Remarks:

No. 7-451 Date 1/61

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		28 - 92.4	
2		25 82.5	
3		25 82.5	
4		20 66.0	
5		21 69.3	
6		25 82.5	
7		28 92.4	
8		24 79.2	
9		23 75.9	
10		24 79.2	
T		801.9	
$\bar{x}$		80.2	

Sertoli Cells: visible

Remarks:

E = 9.9 μ

No. 7-452 Date X 161

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		30 - 99.0	
2		45 148.5	
3		25 82.5	
4		33 108.9	
5		37 122.1	
6		39 128.7	
7		33 108.9	
8		31 102.3	
9		30 99.0	
10		22 72.6	
T		1072.5	
$\bar{x}$		107.2	

Sertoli Cells: visible

Remarks:

No. 7-453 Date X/61

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		37 - 102.3	
2		34 112.2	
3		30 99.0	
4		27 89.1	
5		31 102.3	
6		24 79.2	
7		30 99.0	
8		27 89.1	
9		38 125.4	
10		37 122.1	
T		1019.7	
$\bar{x}$		102.0	

Sertoli Cells: nuclei

Remarks:

No. 7-454 Date Xd 61

Spermatogenic Condition

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	23 - 75.9	
2	23 75.9	
3	16 52.8	
4	17 56.1	
5	14 46.2	
6	15 49.5	
7	14 46.2	
8	13 42.9	
9	18 59.4	
10	14 46.2	
T	551.1	
$\bar{x}$	55.1	

Sertoli Cells: visible

Remarks:

$\bar{E} = 13.2\mu$

No. 7-355 Date X/61

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1		17. — 56.1	
2		23 75.9	
3		16 52.8	
4		17 56.1	
5		22 72.6	
6		21 69.3	
7		22 72.6	
8		21 69.3	
9		24 79.2	
10		29 95.7	
T		699.6	
$\bar{x}$		70.0	

Sertoli Cells: nil

Remarks:

No. 7-458 Date X/61

Spermatogenic Condition 3

Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1	36 - 118.8	13 - 42.9
2	38 125.4	12 39.6
3	42 138.6	17 56.1
4	41 135.3	11 36.3
5	44 145.2	15 49.5
6	32 105.6	13 42.9
7	38 125.4	18 59.4
8	37 122.1	14 46.2
9	36 118.8	13 42.9
10	30 99.0	14 46.2
T	1234.2	462.0
$\bar{x}$	123.4	46.2

Sertoli Cells: visible

Remarks:

No. 7-459 Date X/61

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		20 - 66.0	
2		20 66.0	
3		23 75.9	
4		25 82.5	
5		20 66.0	
6		25 82.5	
7		23 75.9	
8		32 105.6	
9		20 66.0	
10		22 72.6	
T		759.0	
$\bar{x}$		75.9	

Sertoli Cells: nuclei

Remarks:

E = 9.9 μ (1)

No. 7-460 Date 10/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		60 - 198.0	27 - 89.1
2		45 148.5	15 49.5
3		65 214.5	14 46.2
4		54 178.2	10 33.0
5		47 155.1	10 33.0
6		43 141.9	15 49.5
7		42 138.6	13 42.9
8		38 125.4	10 33.0
9		60 198.0	21 69.3
10		43 141.9	12 39.6
T		1640.1	485.1
$\bar{x}$		164.0	48.5

Sertoli Cells: visible

Remarks:

No. 464 Date IV/62

Spermatogenic Condition 4

Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1	61 – 201.3	17 – 56.1
2	74 244.2	15 49.5
3	61 201.3	23 75.9
4	58 191.4	13 42.9
5	66 217.8	10 33.0
6	70 231.0	17 56.1
7	47 155.1	9 29.7
8	65 214.5	12 39.6
9	60 198.0	22 72.6
10	65 214.5	15 49.5
T	2069.1	504.9
$\bar{x}$	206.9	50.5

Sertoli Cells: not seen

Remarks:

No. 7-466 Date 11/62

Spermatogenic Condition of testis

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
		μ. m.	
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells:

Remarks: gland + vas deferens but no testis

E = 39.6 μ (2)

No. 7-467 Date 10/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
$\bar{x}$		

Sertoli Cells:

Remarks: large pieces of vas deferens - very small piece of testis - tubule structure indistinct - one lumen

$\bar{E}$ = 26.4 μ

(3)

No. 7-468 Date 10/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		56 - 184.8	15 - 49.5
2		70 231.0	22 72.6
3		60 198.0	15 49.5
4		48 158.4	10 33.0
5		60 198.0	13 42.9
6		45 148.5	13 42.9
7		50 165.0	11 36.3
8		47 155.1	13 42.9
9		63 207.9	18 59.4
10		49 161.7	11 36.3
T		1808.4	465.3
$\bar{x}$		180.8	46.5

Sertoli Cells:

Remarks:

E = 33.0 μ

(25)

No. 7-469 Date 11/6/62

Spermatogenic Condition (2) 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		145 - 148.5	6 - 19.8
2		55 181.5	12 39.6
3		54 178.2	12 39.6
4		56 184.8	6 19.8
5		52 171.6	9 29.7
6		42 138.6	9 29.7
7		46 151.8	13 42.9
8		52 171.6	10 33.0
9		43 141.9	11 36.3
10		40 132.0	6 19.8
T		1600.5	310.2
$\bar{x}$		160.0	31.0

Sertoli Cells: visible

Remarks:

E = 36.34 (3)

No. 7-471 Date 11/62

Spermatogenic Condition 5

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		42 - 138.6	12 - 39.6
2		36 118.8	14 46.2
3		35 - 115.5	10 33.0
4		40 132.0	13 42.9
5		36 118.8	11 36.3
6		38 125.4	6 19.8
7		45 148.5	15 49.5
8		34 112.2	10 33.0
9		37 122.1	14 46.2
10		31 102.3	11 36.3
T		1234.2	382.8
$\bar{x}$		123.4	38.3

Sertoli Cells: visible

Remarks:

E = 5.4 u

No. 7-472 Date 10/62

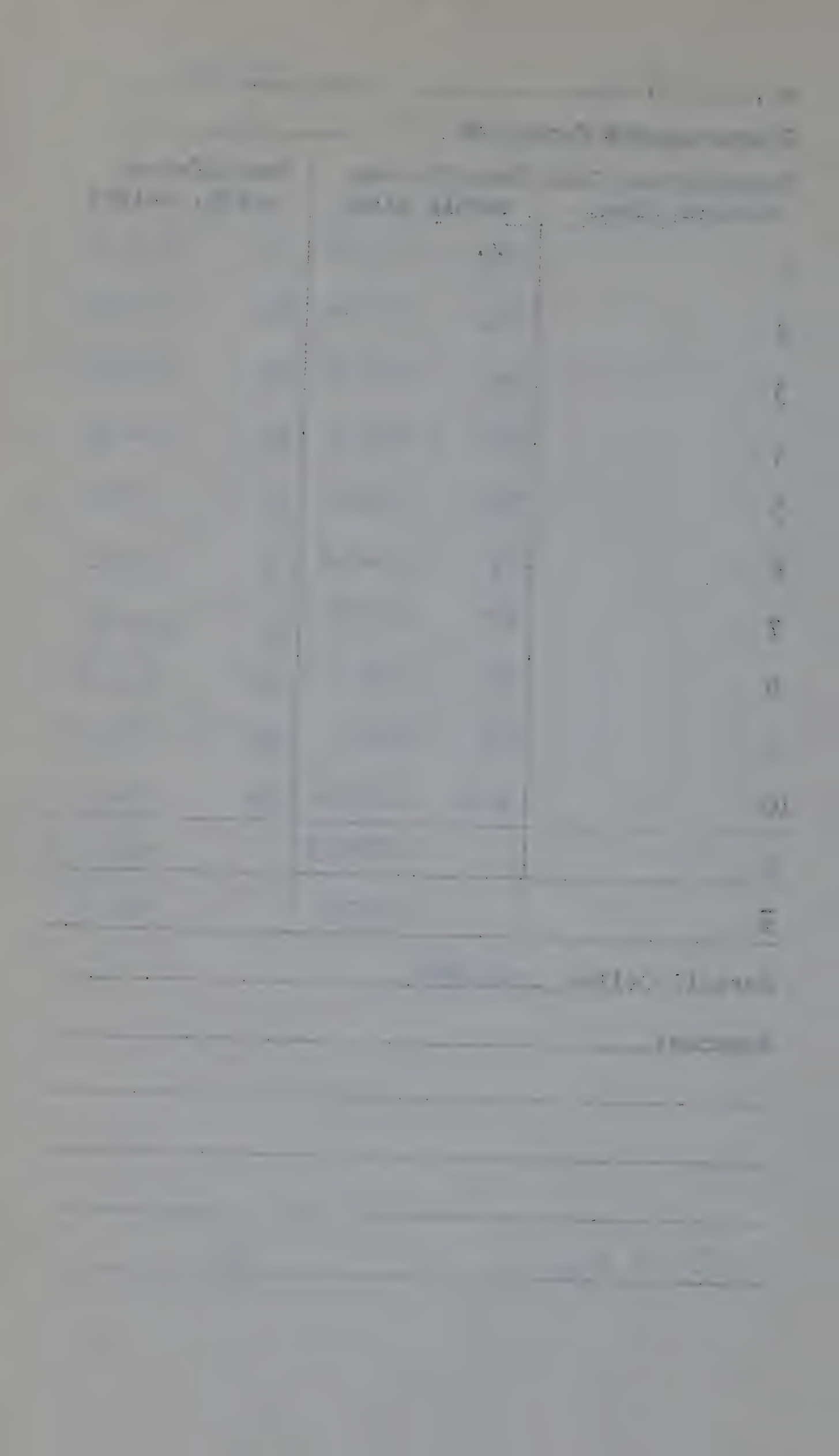
Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		46 - 151.8	15 - 49.5
2		52 171.6	16 52.8
3		43 141.9	13 42.9
4		48 158.4	16 52.8
5		40 132.0	15 49.5
6		51 168.3	14 46.2
7		43 141.9	10 33.0
8		37 122.1	11 36.3
9		49 161.7	15 49.5
10		62 204.6	14 46.2
T		1554.3	458.7
$\bar{x}$		155.4	45.9

Sertoli Cells: visible

Remarks:

E = 19.8 μ



No. 7-474 Date 11/6/62

Spermatogenic Condition (2) 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		142 - 138.6	13 - 42.9
2		55 181.5	10 33.0
3		56 184.8	15 49.5
4		43 141.9	15 49.5
5		57 188.1	16 52.8
6		45 148.5	15 49.5
7		48 158.4	11 36.3
8		52 171.6	11 36.3
9		60 198.0	16 52.8
10		46 151.8	9 29.7
T		1663.2	432.3
$\bar{x}$		166.3	43.2

Sertoli Cells:

Remarks:

E = 16.5 μ (3)

No. 7-476 Date 12/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		90. - 132.0	12 - 39.6
2		36 115.5	10 33.0
3		44 145.2	10 33.0
4		49 161.7	9 29.7
5		49 161.7	12 39.6
6		50 165.0	14 46.2
7		36 118.8	12 39.6
8		39 128.7	12 39.6
9			
10		99 161.7	10 330
T		1293.6	3333
$\bar{x}$		143.7	37.0

Sertoli Cells: visible

Remarks:

E = 3 1/4

No. 7-478 Date 4/62

Spermatogenic Condition 5

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
		μ.	
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells:

Remarks: poor slide - tubule structure abnormal, irregular shape, no lumen

No. 7-479 Date V/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		42 - 138.6	6 - 19.8
2		47 155.1	6 19.8
3		61 201.3	13 42.9
4		65 214.5	10 33.0
5		60 198.0	8 26.4
6		63 207.9	8 26.4
7		60 198.0	12 39.6
8		55 181.5	11 36.3
9		41 135.3	8 26.4
10		54 178.2	12 39.6
T		1808.4	310.2
$\bar{x}$		180.8	31.0

Sertoli Cells: nuclei

Remarks:

E = 36.3 μ (3)

No. 7-483 Date 4/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	(2) Seminiferous tubule diam.	Seminiferous epith. height
1		56 - 184.8	14 - 46.2
2		60 198.0	10 33.0
3		62 204.6	10 33.0
4		66 217.8	16 52.8
5		63 207.9	15 49.5
6		77 254.1	12 39.6
7		75 247.5	19 62.7
8		75 247.5	17 56.1
9		62 204.6	14 46.2
10		63 207.9	12 39.4
T		2174.7	458.7
$\bar{x}$		217.5	45.9

Sertoli Cells: not seen

Remarks:

$\bar{E}$ = 26.4 μ (3)

No. 7-484 Date V/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		57 - 188.1	5 - 16.5
2		58 191.4	11 36.3
3		59 194.7	12 39.6
4		43 141.9	11 36.3
5		53 174.9	16 52.8
6		51 168.3	12 39.6
7		50 165.0	11 36.3
8		48 158.4	15 49.5
9		53 174.9	8 26.4
10		75 247.5	15 49.5
T		1805.1	382.8
$\bar{x}$		180.5	38.3

Sertoli Cells: moderate

Remarks:

E= 19.8 μ (4)

No. 7-485 Date 1/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		70 - 231.0	15 - 49.5
2		68 224.4	10 33.0
3		65 214.5	14 46.2
4		50 165.0	12 39.6
5		66 217.8	15 49.5
6		64 211.2	20 66.0
7		57 188.1	15 49.5
8		54 178.2	7 23.1
9		67 221.1	12 39.6
10		60 198.0	13 42.9
T		2049.3	438.9
$\bar{x}$		204.9	43.9

Sertoli Cells: not seen

Remarks:

E= 36.34 3

No. 7-489 Date V/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	(2) Seminiferous tubule diam.	Seminiferous epith. height
1		64 - 211.2	9 - 29.7
2		64 211.2	14 46.2
3		53 174.9	13 42.9
4		64 211.2	14 46.2
5		55 181.5	10 33.0
6		65 214.5	15 49.5
7		67 221.1	10 33.0
8		58 191.4	14 46.2
9		65 214.5	6 19.8
10		59 194.7	15 49.5
T		2026.2	396.0
$\bar{x}$		202.6	39.6

Sertoli Cells: visible

Remarks:

E = 29.7 μ (3)

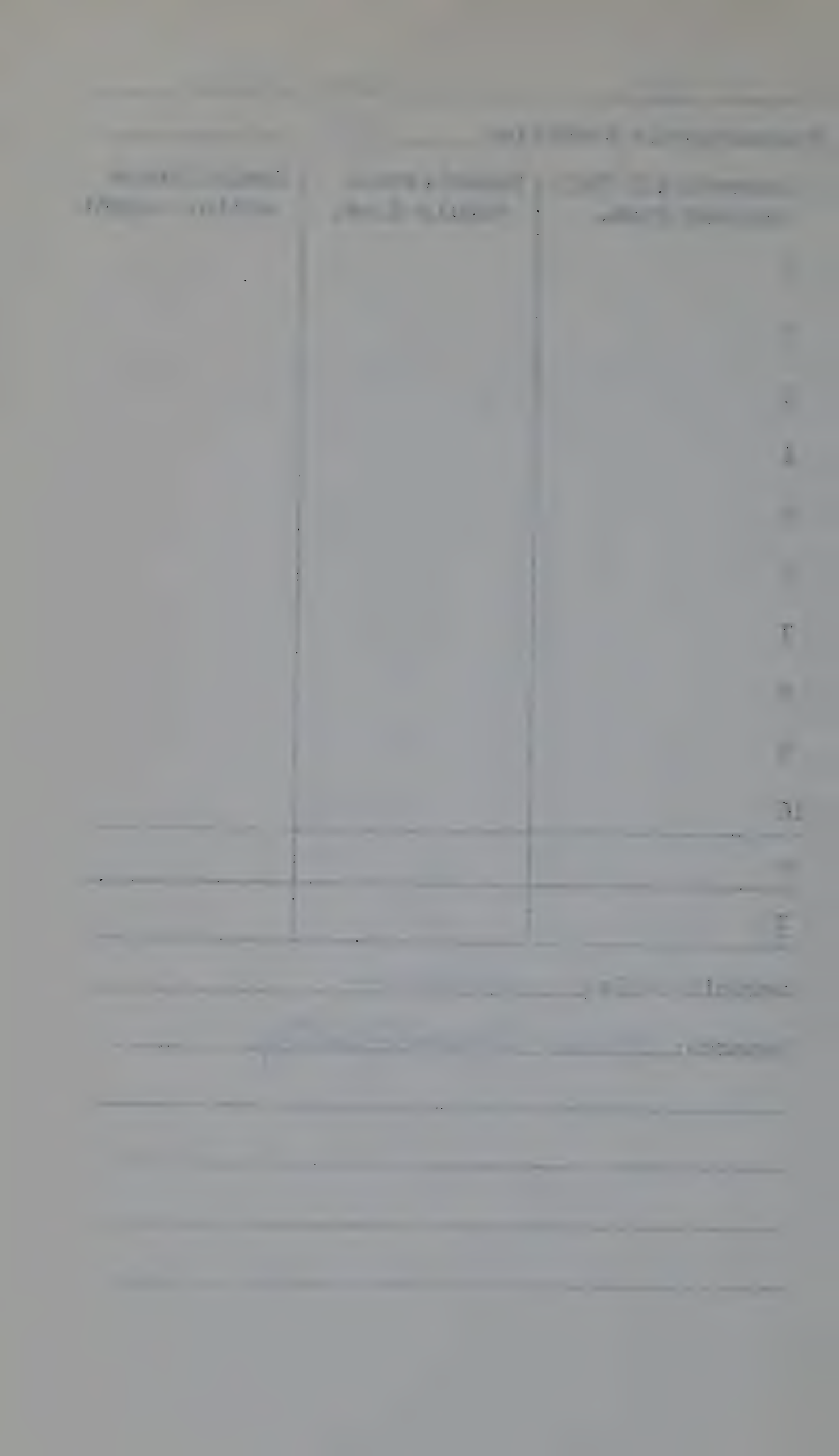
No. 7-491 Date V/62

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: not seen

Remarks: tissue disintegrating



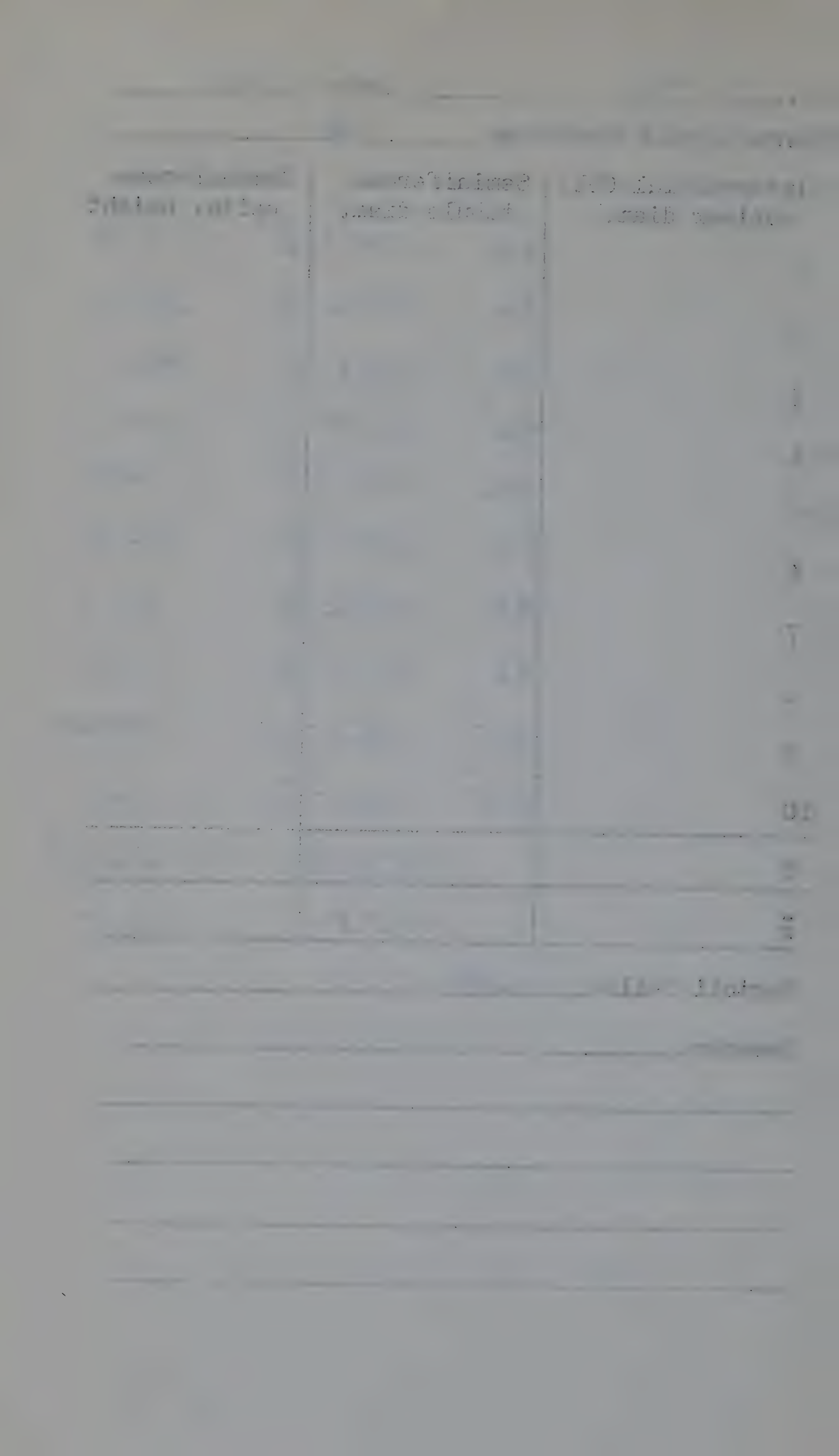
No. 7-492 Date 6/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		59 - 194.7	6 - 19.8
2		52 171.6	7 23.1
3		48 158.4	5 16.5
4		46 151.8	7 23.1
5		42 138.6	5 16.5
6		39 128.7	8 26.4
7		44 145.2	8 26.4
8		46 151.8	6 19.8
9		35 115.5	10 33.0
10		55 181.5	7 23.1
T		1537.8	227.7
$\bar{x}$		153.8	22.8

Sertoli Cells: visible

Remarks:



No. 7-495 Date 6/67

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		41 - 135.3	7 - 23.1
2		62 204.6	13 42.9
3		66 217.8	12 39.6
4		55 181.5	9 29.7
5		55 181.5	14 46.2
6		74 244.2	12 39.6
7		66 217.8	17 56.1
8		51 168.3	17 56.1
9		52 171.6	13 42.9
10		60 198.0	12 39.6
T		1920.6	415.8
$\bar{x}$		192.1	41.6

Sertoli Cells: [illegible]

Remarks:

B = 13.2 μ

(4)

No. 7-500 Date V/62

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		60 - 198.0	17 - 56.1
2		70 231.0	18 59.4
3		85 280.5	15 49.5
4		59 194.7	10 33.0
5		52 171.6	15 49.5
6		47 155.1	9 29.7
7		55 181.5	15 49.5
8		52 171.6	9 29.7
9		67 221.1	12 39.6
10		63 207.9	16 52.8
T		2013.0	448.8
$\bar{x}$		201.3	44.9

Sertoli Cells: Visible

Remarks:

E = 36.3μ (4)

No. 7-502 Date 4/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells:

Remarks: tissue torn, wrinkled, & folded

E = 16.5 μ (4)

No. 7-504 Date V/62

Spermatogenic Condition b

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		54 - 189.8	14 - 46.2
2		60 198.0	21 69.3
3		49 161.7	15 49.5
4		52 171.6	17 56.1
5		60 198.0	11 36.3
6		55 181.5	17 56.1
7		61 201.3	14 46.2
8		67 221.1	10 33.0
9		50 165.0	15 49.5
10		52 171.6	20 66.0
T		1854.6	508.2
$\bar{x}$		185.5	50.8

Sertoli Cells: visible

Remarks:

E = 23.1 μ (4)

No. I-12.C6 Date VI/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		57 — 174.9	10 — 33.0
2		48 158.4	8 26.4
3		44 145.2	9 29.7
4		55 181.5	12 39.6
5		49 161.7	16 52.8
6		46 151.8	9 29.7
7		45 148.5	6 19.8
8		39 128.7	5 16.5
9		54 178.2	9 29.7
10		52 171.6	13 42.9
T		1600.5	320.1
$\bar{x}$		160.0	32.0

Sertoli Cells: visible

Remarks:

E = 33.0 μ (3)

No. 7-5.11 Date 1/6/62

Spermatogenic Condition (2) 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		50. - 165.0	12 - 39.6
2		46 151.8	10 33.0
3		53 174.9	13 42.9
4		50 165.0	13 42.9
5		49 161.7	11 36.3
6		45 148.5	14 46.2
7		40 132.0	9 29.7
8		72 237.6	17 56.1
9		50 165.0	15 49.5
10		47 155.1	16 52.8
T		1656.6	429.0
$\bar{x}$		165.7	42.9

Sertoli Cells: not seen

Remarks:

E = 35.0 μ (3)

No. 7-514 Date 11/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		52 - 171.6	13 - 42.9
2		44 145.2	10 33.0
3		64 211.2	15 49.5
4		53 174.9	12 39.6
5		50 165.0	5 16.5
6		51 168.3	5 16.5
7		50 165.0	11 36.3
8		49 161.7	15 49.5
9		50 165.0	14 46.2
10		51 168.3	11 36.3
T		1696.2	366.3
$\bar{x}$		169.6	36.6

Sertoli Cells: visible

Remarks:

E = 19.7μ (4)

No. 7-516 Date 4/62

Spermatogenic Condition 6?

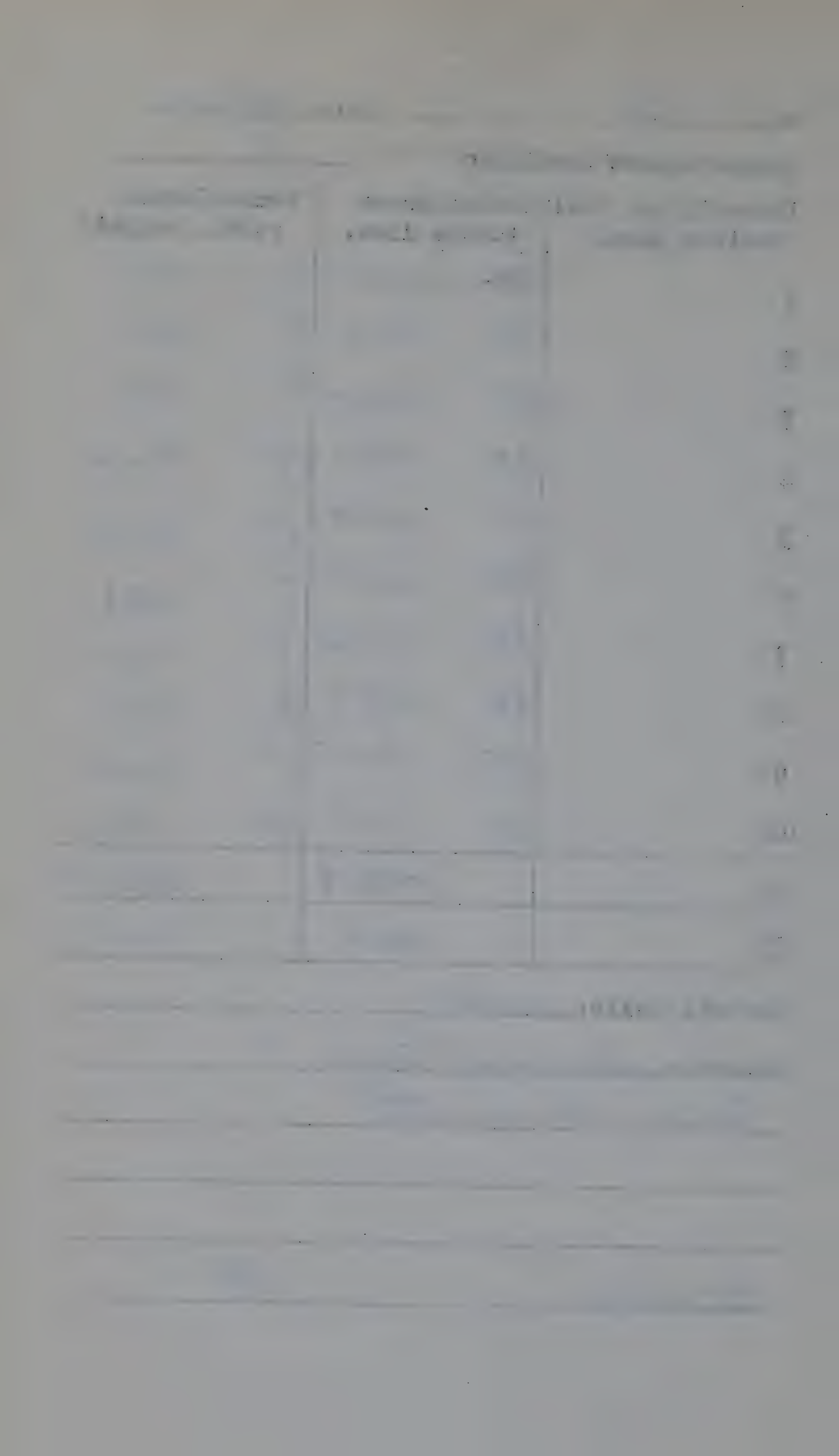
	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		~~45~~ - 148.5	7 - 23.1
2		37 122.1	5 16.5
3		39 128.7	7 23.1
4		48 158.4	14 46.2
5		51 168.3	10 33.0
6		56 184.8	7 23.1
7		32 105.6	9 29.7
8		48 158.4	9 29.7
9		55 181.5	5 16.5
10		37 122.1	6 19.8
T		1478.4	260.7
$\bar{x}$		147.8	26.1

Sertoli Cells: visible

Remarks: abnormal tissue -
tubules all separated

E = 33.0μ

(13)



No. 7-518 Date VI/62

Spermatogenic Condition [illegible] 6?

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		36 - 118.8	9 - 29.7
2		30 99.0	8 26.4
3		35 115.5	8 26.4
4		42 138.6	11 36.3
5		33 108.9	8 26.4
6		35 115.5	11 36.3
7		36 118.8	12 39.6
8		38 125.4	13 42.9
9		35 115.5	11 36.3
10		38 125.4	14 46.2
T		1181.4	346.5
$\bar{x}$		118.1	34.6

Sertoli Cells: visible

Remarks: abnormal - tubules separating

E = 16.5 μ (2)

No. 7-519 Date VI/62

Spermatogenic Condition (2) 6 (late)

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		45 — 148.5	10 — 33.0
2		51 168.3	11 36.3
3		46 151.8	8 26.4
4		56 184.8	12 39.6
5		57 188.1	15 49.5
6		48 158.4	10 33.0
7		41 135.3	9 29.7
8		47 155.1	10 33.0
9		52 171.6	6 19.8
10		60 198.0	10 33.0
T		1659.9	333.3
$\bar{x}$		166.0	33.3

Sertoli Cells: visible

Remarks: Tubules separating

$\bar{x}$ = 29.7 µ (4) (5)

No. 7-520 Date VI/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		50 - 165.0	10 - 33.0
2		51 168.3	5 16.5
3		54 178.2	14 46.2
4		33 108.9	10 33.0
5		48 158.4	10 33.0
6		50 165.0	5 16.5
7		46 151.8	15 49.5
8		50 165.0	10 33.0
9		42 138.6	8 26.4
10		51 168.3	10 33.0
T		1567.5	320.1
$\bar{x}$		156.8	32.0

Sertoli Cells: visible

Remarks: Tubules separating

No. 7-5-22 Date VI/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		57 - 174.9	12 - 39.6
2		50 165.0	10 33.0
3		50 165.0	8 26.4
4		61 201.3	10 33.0
5		69 227.7	17 56.1
6		46 151.8	10 33.0
7		38 125.4	10 33.0
8		65 214.5	15 49.5
9		49 161.7	12 39.6
10		55 181.5	5 16.5
T		1768.8	359.7
$\bar{x}$		176.9	36.0

Sertoli Cells: visible

Remarks: tubules separating

E= 26.4 µ

No. 7-523 Date VI/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	58 - 191.4	10 - 33.0
2	59 194.7	12 39.6
3	78 257.4	10 33.0
4	48 158.4	15 49.5
5	48 158.4	20 66.0
6	49 161.7	12 39.6
7	56 184.8	10 33.0
8	67 221.1	13 42.9
9	56 184.8	11 36.3
10	48 158.4	11 36.3
T	1871.1	409.2
$\bar{x}$	187.1	40.9

Sertoli Cells: [illegible]

Remarks: Tubules separating

E = 33.0 μ (3) (5)

No. 7-524 Date 4/62

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		64 - 211.2	10 - 33.0
2		57 168.3	10 33.0
3		52 171.6	9 29.7
4		72 237.6	12 39.6
5		61 201.3	11 36.3
6		56 184.8	11 36.3
7		48 158.4	13 42.9
8		65 214.5	11 36.3
9		53 174.9	11 36.3
10		48 158.4	12 39.6
T		188.1	363.0
$\bar{x}$		188.1	36.3

Sertoli Cells: visible

Remarks: Tubules separating

E = 42.9 (9)

No. 7-5.25 Date VI/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		60 - 198.0	12 - 39.6
2		47 155.1	10 33.0
3		59 194.7	11 36.3
4		48 158.4	9 29.7
5		66 217.8	10 33.0
6		51 168.3	12 39.6
7		47 155.1	8 26.4
8		45 148.5	12 39.6
9		45 148.5	15 49.5
10		54 178.2	15 49.5
T		1722.6	376.2
$\bar{x}$		172.3	37.6

Sertoli Cells: vacuolated

Remarks: Tubules separating

No. 7-529 Date VII/62

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		25. – 32.5	
2		25 – 32.5	
3		18 – 59.4	
4		21 – 69.3	
5		20 – 66.0	
6		21 – 69.3	
7		24 – 79.2	
8		22 – 72.6	
9		17 – 56.1	
10		23 – 75.9	
T		712.8	
$\bar{x}$		71.3	

Sertoli Cells: visible

Remarks: intertubular spaces filled with blood cells

E = 19.8 μ

debris

No. 7-531 Date VIII/62

Spermatogenic Condition 8 ?

(2)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	14. — 46.2	
2	16 52.8	
3	13 42.9	
4	11 36.3	
5	14 46.2	
6	15 49.5	
7	17 56.1	
8	15 49.5	
9	13 42.9	
10	16 52.8	
T	475.2	
$\bar{x}$	47.5	

Sertoli Cells: visible

Remarks: probably didn't breed this year although animal is old (82 mm)

E = 13.2 μ

(1)

No. 7-5-35 Date Vol/62

Spermatogenic Condition of testis = 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		135. — 49.5	
2		14 46.2	
3		18 59.4	
4		15 49.5	
5		20 66.0	
6		15 49.5	
7		15 49.5	
8		17 56.1	
9		17 56.1	
10		23 75.9	
T		557.7	
$\bar{x}$		55.8	

Sertoli Cells: visible

Remarks: small piece of tissue

No. 7-5.36 Date VII/62

Spermatogenic Condition

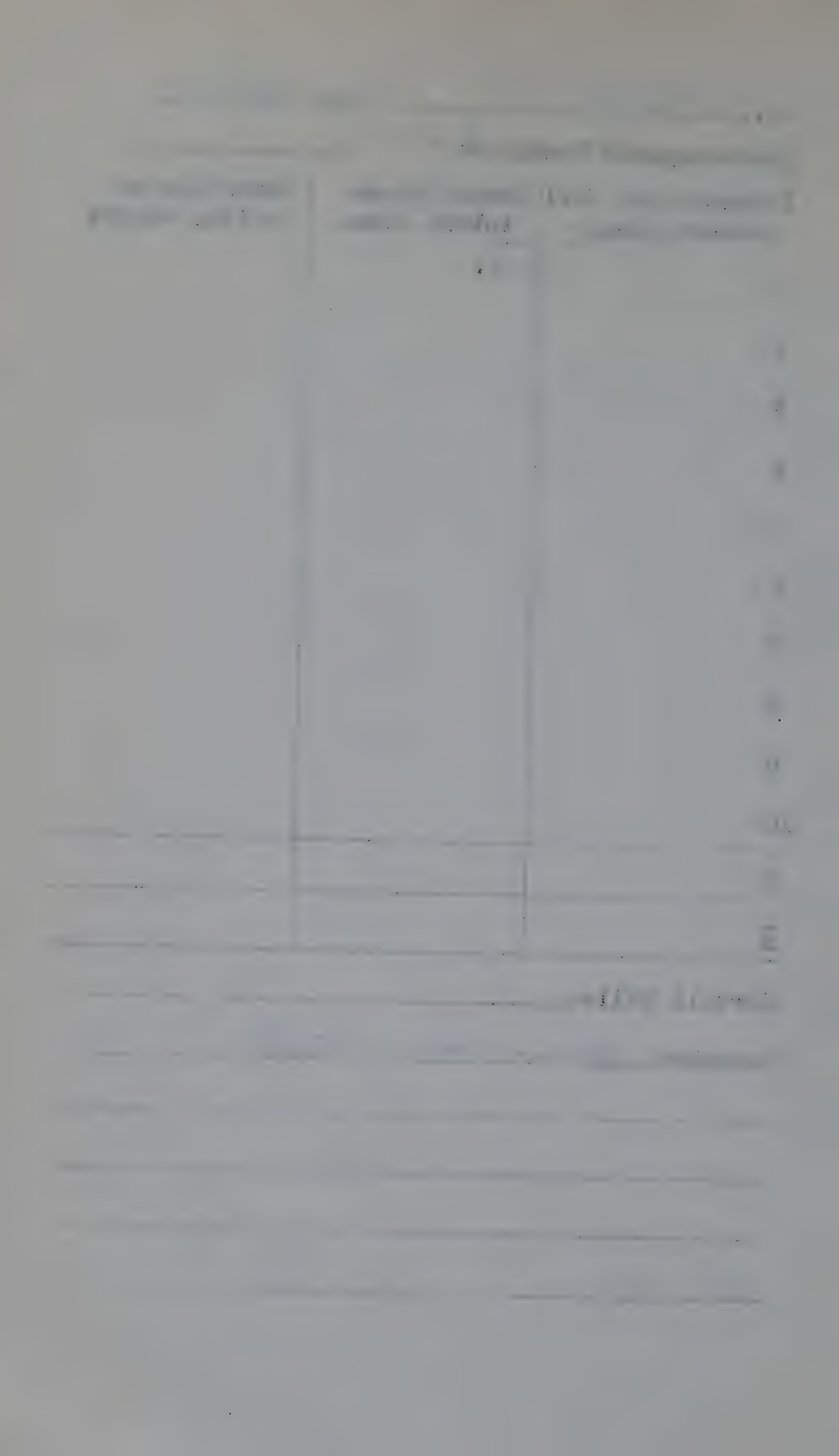
Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
$\bar{x}$		

Sertoli Cells:

Remarks: gland but no testis

E = 9.9 μ

(1)



No. 7-537 Date 11/11/62

Spermatogenic Condition O

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		12 - 59.6	
2		18 59.4	
3		16 52.8	
4		16 52.8	
5		14 46.2	
6		15 49.5	
7		13 42.9	
8		13 42.9	
9		15 49.5	
10		16 52.8	
T		488.4	
$\bar{x}$		48.8	

Sertoli Cells: visible

Remarks:

No. 7-539 Date VII/62

Spermatogenic Condition _____

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: _____

Remarks: no testes

E = 6.3 μ

No. 7-541 Date VII/62

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1		24 - 79.2	
2		24 79.2	
3		21 69.3	
4		22 72.6	
5		18 92.4	
6		22 72.6	
7		21 69.3	
8		22 72.6	
9		22 72.6	
10		23 75.9	
T		755.6	
$\bar{x}$		75.6	

Sertoli Cells: visible

Remarks:

No. 7-543 Date VII/62

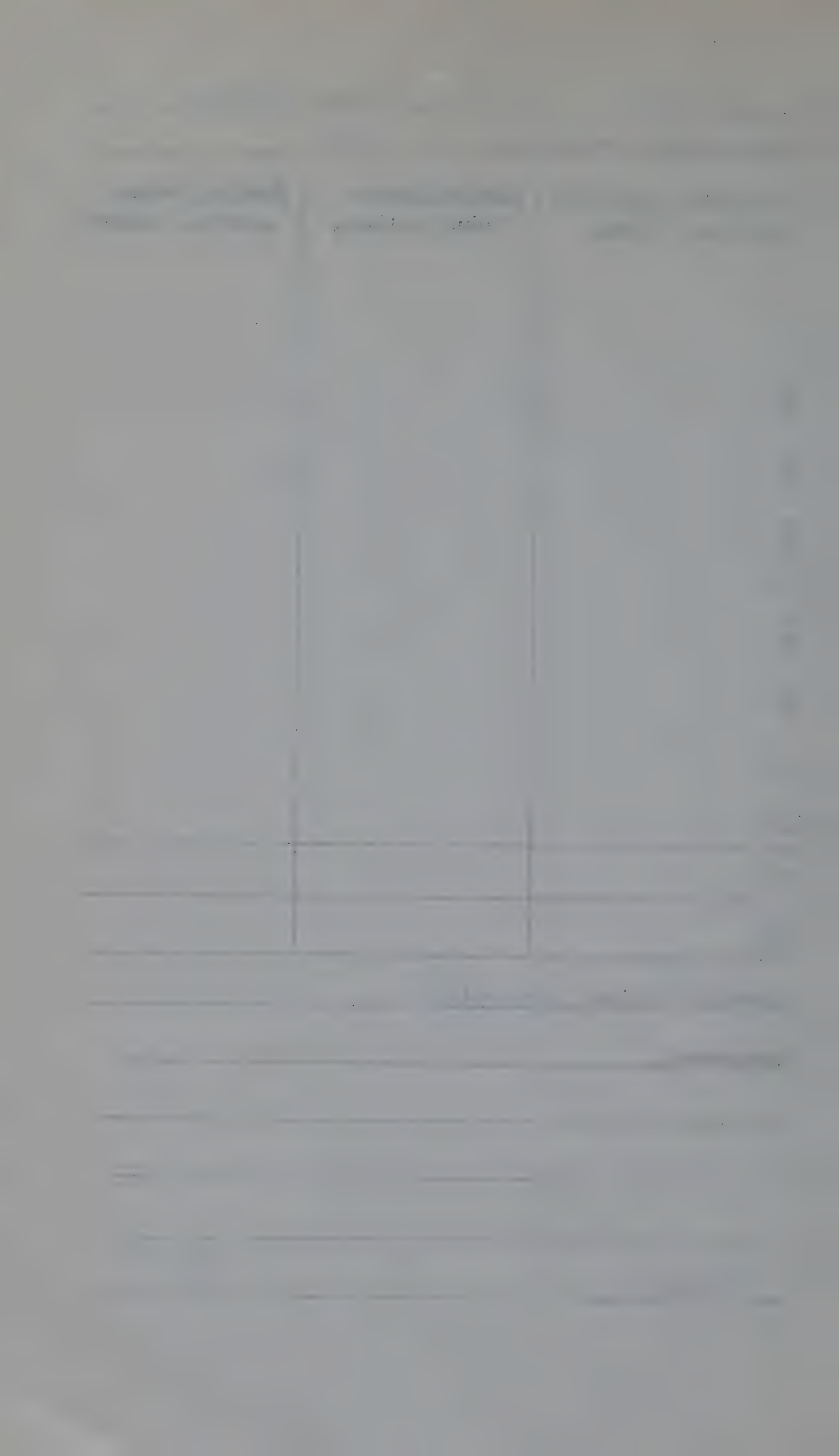
Spermatogenic Condition 7+

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: visible

Remarks:

E = 26.4 μ



No. 7-545 Date VII/62

Spermatogenic Condition = 7

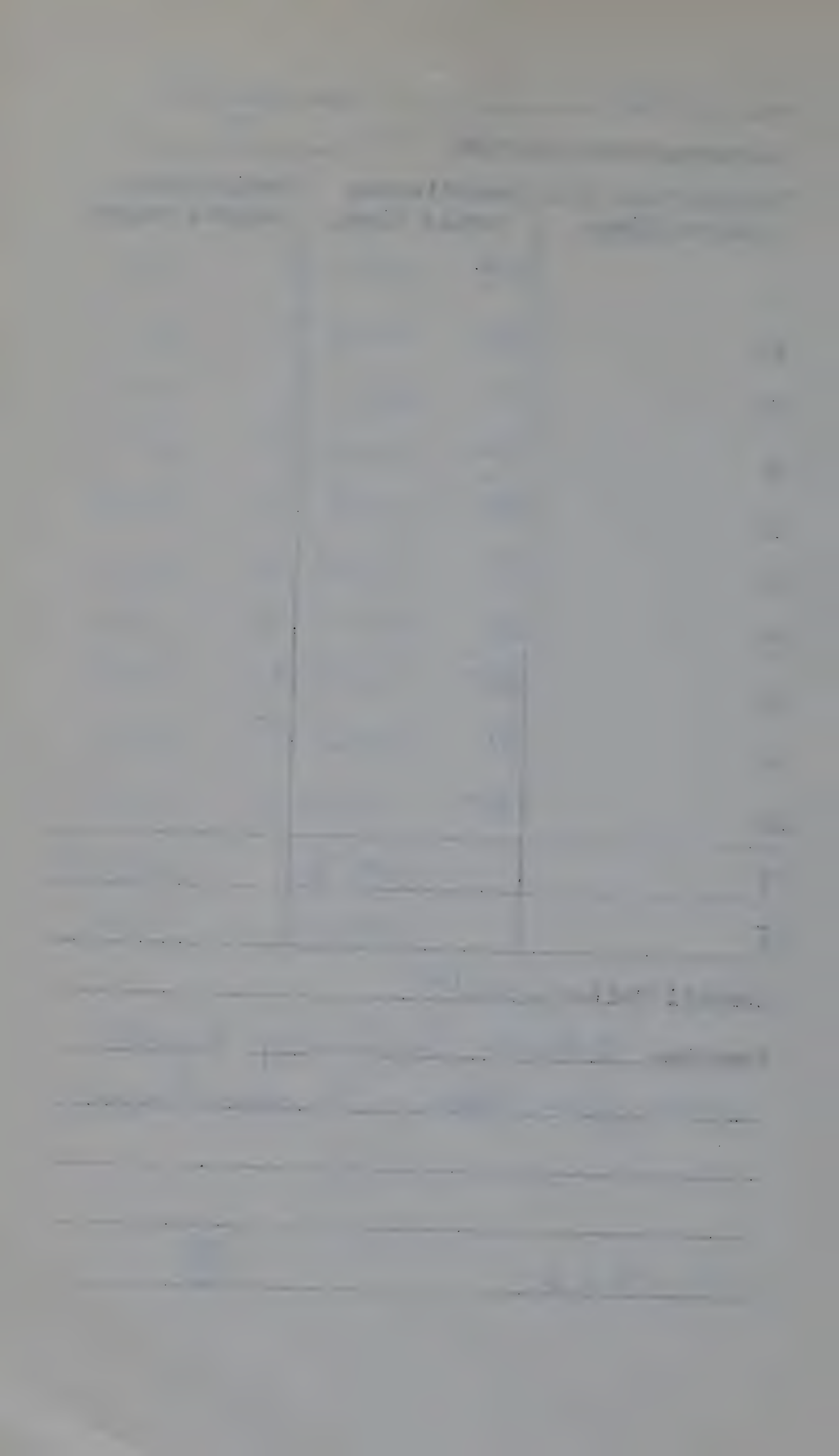
	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		34 - 112.2	6 - 19.8
2		33 105.9	5 16.5
3		27 89.1	6 19.8
4		32 105.6	9 29.7
5		43 141.9	10 33.0
6		31 102.3	6 19.8
7		31 102.3	4 13.2
8		35 115.5	8 26.4
9		31 102.3	5 16.5
10		35 115.5	7 23.1
T		1095.6	217.8
$\bar{x}$		109.6	21.8

Sertoli Cells: visible

Remarks: tubules beginning to pull away from basement membrane

E = 19.8 μ

(3)



No. 7-546 Date 11/6/62

Spermatogenic Condition 7+

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		29 - 95.7	
2		29 95.7	
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$		95.7	

Sertoli Cells: visible

Remarks: lumen indistinguishable

some 7+

E = 23.1 μ (2)

No. 7-549 Date 11/1/62

Spermatogenic Condition (2) 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		17. - 56.1	
2		18 59.4	
3		15 49.5	
4		14 46.2	
5		14 46.2	
6		18 59.4	
7		17 56.1	
8		15 49.5	
9		16 52.8	
10		21 69.3	
T		549.5	
$\bar{x}$		54.4	

Sertoli Cells: invisible

Remarks:

No. T-3560 Date VIII/62

Spermatogenic Condition with = 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		18. – 59.4	
2		18 59.4	
3		19 62.7	
4		19 62.7	
5		19 62.7	
6		22 72.6	
7		20 66.0	
8		22 72.6	
9		18 59.4	
10		19 62.7	
T		640.2	
$\bar{x}$		64.0	

Sertoli Cells: visible

Remarks: hematoxylin too light

$\bar{E}$ = 19.8 μ (1)

No. 7-561 Date 4/11/62

Spermatogenic Condition Stage = 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		18. - 59.4	
2		22 72.6	
3		14 46.2	
4		17 56.1	
5		17 56.1	
6		17 56.1	
7		22 72.6	
8		17 56.1	
9		22 72.6	
10		21 69.3	
T		617.1	
$\bar{x}$		61.7	

Sertoli Cells: visible

Remarks:

$\bar{E} = 23.1\ \mu$ (1)

No. 7-562 Date VIII/62

Spermatogenic Condition VIII = 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		28 – 75.9	
2		26 85.8	
3		23 75.9	
4		23 75.9	
5		25 82.5	
6		19 62.7	
7		25 82.5	
8		24 79.2	
9		26 85.8	
10		32 105.6	
T		811.8	
$\bar{x}$		81.2	

Sertoli Cells: visible

Remarks:

$\bar{x}$ = 26.4 μ

No. 7-562 A Date 11/11/62

Spermatogenic Condition

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
		μ.	
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells:

Remarks: all connective tissue ?

No. 7-366 Date VIII/62

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		~~22~~ - 72.6	
2		24 79.2	
3		23 75.9	
4		21 69.3	
5		21 69.3	
6		24 79.2	
7		28 92.4	
8		23 75.9	
9		26 85.8	
10		23 75.9	
T		775.5	
$\bar{x}$		77.6	

Sertoli Cells: visible

Remarks:

E = 16.5 μ

No. 7-568 Date VIII/62

Spermatogenic Condition VIII

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		17 m. – 56.1	
2		15 49.5	
3		17 56.1	
4		16 52.8	
5		18 59.4	
6		16 52.8	
7		15 49.5	
8		15 49.5	
9		15 49.5	
10		20 66.0	
T		541.2	
$\bar{x}$		54.1	

Sertoli Cells: visible

Remarks:

E = 9.9 μ

No. 7-569 Date VIII/62

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		28. ~~-~~ 75.9	
2		26 85.8	
3		19 62.7	
4		24 79.2	
5		24 79.2	
6		21 69.3	
7		19 62.7	
8		18 59.4	
9		20 66.0	
10		20 66.0	
T		706.2	
$\bar{x}$		70.6	

Sertoli Cells: visible

Remarks: E

E = 19.8 μ (1)

No. 7-570 Date VIII/62

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		18 — 59.4	
2		20 66.0	
3		20 66.0	
4		18 59.4	
5		17 56.1	
6		17 56.1	
7		18 59.4	
8		18 59.4	
9		24 79.2	
10		18 59.4	
T		620.4	
$\bar{x}$		62.0	

Sertoli Cells: visible

Remarks:

E = 13.2 μ

No. 7-5.71 Date VIII/62

Spermatogenic Condition (2) 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		24. - 79.2	
		26 85.8	
2		25 82.5	
3		29 95.7	
4		25 82.5	
5		21 69.3	
6		23 75.9	
7		25 82.5	
8		20 66.0	
9		26 85.8	
10			
T		805.2	
$\bar{x}$		80.5	

Sertoli Cells: visible

Remarks: convolutions still visible

No. 7-5.76 Date 1X/62

Spermatogenic Condition = 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		20. – 66.0	
2		24 79.2	
3		19 62.7	
4		18 59.4	
5		24 79.2	
6		21 69.3	
7		21 69.3	
8		19 62.7	
9		26 85.8	
10		22 72.6	
T		706.2	
$\bar{x}$		70.6	

Sertoli Cells: visible

Remarks:

No. 7-578 Date 1X/62

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		38. — 125.4	
2		35 115.5	
3		32 105.6	
4		39 128.7	
5		31 102.3	
6		33 108.9	
7		28 92.4	
8		35 115.5	
9		32 105.6	
10		40 132.0	
T		1131.9	
$\bar{x}$		113.2	

Sertoli Cells: visible

Remarks:

E = 23.1 μ

R-351

STEEL BACKPLATE

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